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Car Radio | CD | MP3 | WMA

New Jersey MP68

7 648 498 310

Bedienungs- und Einbauanleitung
Operating and installation instructions
Mode d'emploi et de montage
Istruzioni d'uso e di installazione
Gebruiksaanwijzing en inbouwhandleiding
Bruks- och monteringsanvisning

BLAUPUNKT

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About these instructions

These instructions contain important information to easily and safely install and operate the device.

- Read these instructions carefully and completely before using the device.
- Keep the instructions at a location so that they are always accessible to all users.
- Always pass on the device to third parties together with these instructions.

In addition, observe the instructions of the devices used in conjunction with this device.

Symbols used

These instructions employ the following symbols:

DANGER!
Warns about injuries

DANGER!
Warns about accidents

DANGER!
Warns about hearing loss

CAUTION!
Warns about laser beam

CAUTION!
Warns about damaging the CD drive

CE The CE mark confirms the compliance with EU directives.

☛ Identifies a sequencing step

• Identifies a listing

Use as directed

This device is intended for installation and operation in a vehicle with 12 V vehicle system voltage and must be installed in a 2-DIN slot. Observe the 'performance limits in the technical data. Repairs and installation, if necessary, should be performed by a specialist.

Declaration of conformity

The Blaupunkt GmbH declares that the New Jersey MP68 device complies with the basic requirements and the other relevant regulations of the directive 1999/5/EG.

Safety Notes

The device was manufactured according to the state of the art and established safety guidelines. Even so, dangers may occur if you do not observe the safety notes in these instructions.

If you are installing device yourself

You may only install the device yourself if you are experienced in installing car sound systems and are very familiar with the electrical system of the vehicle. For this purpose, observe the installation instructions at the end of these instructions.

Observe the following!

CAUTION!

The device contains a Class 1 laser that can cause injuries to your eyes.

- Do not open the device and do not perform any modifications.

In operation

- For the front AUX-IN socket, use only the angled jack plug from Blaupunkt (7 607 001 535). All protruding parts, incl. straight plugs or adapters, lead to an increased injury risk in case of an accident.
- Operate the device only if traffic situation permits it! Stop at a suitable location to perform extensive settings.
- To protect your hearing, always listen at a moderate volume.
  During mute phases (e.g. when changing Travelstore, CD changer), changing the volume is not audible until after the mute phase. Do not increase the volume during this mute phase.
- Always listen at a moderate volume so that you can always hear acoustic warning signals (e.g. police).

Cleaning notes

Solvents, cleaning and scouring agents as well as dashboard spray and plastics care product may contain ingredients that will damage the surface of the device.

- Use only a dry or slightly moistened cloth for cleaning the device.

Disposal note

Do not dispose of your old unit in the household trash!

Use the return and collection systems available to dispose of the old device.

Scope of delivery

The scope of delivery includes:

1 New Jersey MP68
1 Operating/installation instructions
1 Support frame
2 Disassembly tools
1 USB connecting cable
1 Microphone for *Bluetooth*® phone calls
1 Microphone connecting cable
1 Plug housing
1 Set of small parts

Device description

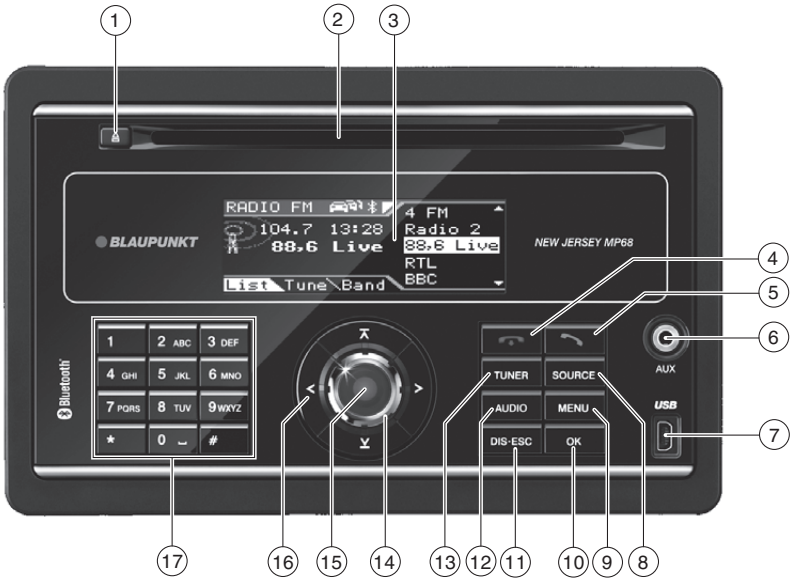
What can the device do?

In addition to the tuner, the device features an integrated CD player for playing audio CDs and MP3/WMA CDs. Your device is equipped with an RDS receiving unit to conveniently listening to the radio. For example, you can use the RDS functions TA and EON for the priority of traffic information stations or PTY for searching for stations with your preferred programme type. The built-in *Bluetooth*® module and the microphone connector allow the hands-free use of a phone via the car sound system. In addition, the following external audio sources can be connected and used:

- C'n'C-ready Blaupunkt interfaces via the rear AUX socket
- Either a CD changer or an external audio source, e.g. MiniDisc or MP3 player, via the rear AUX socket (REAR AUX-IN socket only if no C'n'C-ready Blaupunkt interface is connected)
- An additional external audio source via the FRONT-AUX-IN socket
- USB medium (player, stick or disk) with MP3 or WMA files
- Navigation device or telephone (Tel/Navi Line-In)

For further details, please read the installation instructions.

Controls



(1) ⏏ button
Ejecting CD from CD drive

(2) CD drive

(3) Display

(4) button (Reject button)
Rejecting/ending an incoming call

(5) button (Answer button)
Making/answering a phone call

(6) Front AUX-IN socket

(7) USB port

(8) **SOURCE** button
Selecting an audio source

(9) **MENU** button
Calling up a menu

(10) **OK** button
In menus: Calling up menu items and confirming settings (press short)
Scanning tracks/radio stations (SCAN function; press for longer than 2 seconds)

(11) **DIS•ESC** button
Exiting the menu and changing to the display of the audio source, selecting the display mode (e.g. MP3 browse mode in MP3 display)

(12) **AUDIO** button
Calling up the audio menu for sound settings

(13) **TUNER** button
Changing to radio mode
Radio mode: Opens menu for selecting the waveband/memory bank

(14) Volume control

(15) On/Off button
Switch-on, muting sound (press short)
Switch-off (press for longer than 2 seconds)

(16) Rocker switches < and > as well as ⌃ and ⌄
In menus and in radio mode: Selecting submenus and menu items/functions
In other operating modes (e.g. CD or MP3 mode): Selecting track, CD and directory

(17) Alphanumeric keys
Radio mode (0 - 9): Selecting stored stations (press short), storing stations (press for longer than 2 seconds)
Bluetooth® speed dial (0 - 9): Calling stored phone number (press for longer than 2 seconds)
In menus: Entering, for example, PIN codes, phone numbers and names

Theft protection

Device code

You can protect this device against theft with an individual, four-digit code number. If the code query is activated, the code number must be entered after every interruption of the power supply from the vehicle battery. Without this code number, the device is useless to a thief.

You can activate and deactivate the code query: If you set the code number to "0000", the code query is automatically deactivated. As soon as you enter a different code number than "0000", the code query is automatically activated (see the section "Adjusting the code").

The code number is factory set to "0000", so that the code query is deactivated. It is recommended to set an individual code number and thereby activate the code query. Your device is then useless to a thief and protected against abuse.

Note:

Record your individual code number and store it in a safe place. For example, enter the individual code number in the device card and store the device card separate from the device outside of the vehicle!

Entering the code

If a different code number than "0000" is set and the device has been disconnected from the vehicle's electrical system (e.g. removal of the battery in case of repairs), the display shows "PLEASE ENTER CODE" and "____" after switch-on, and you can enter the code.

Notes:

- You have 6 attempts to enter the correct code before the device is blocked and can only be enabled with the master code.
- You can switch off the device again without having entered the code.

☛ Enter the code by pressing the corresponding buttons of the (17) keys.

☛ Press the **OK** button (10) to confirm the code entered.

After entering the correct code, "CODE OK!!" briefly appears on the display and the device starts with the last used audio source. After entering an incorrect code, "INCORRECT CODE!!" PLEASE TRY AGAIN!!" briefly appears on the display. You can repeat the code entry five more times.

After the fourth incorrect entry, the display shows "2 TRIALS LEFT!! RADIO WILL BE BLOCKED AFTER THAT! PRESS OK".

☛ Press the **OK** button (10) to reach the code entry again.

After the fifth incorrect entry, the display shows "1 TRIAL LEFT!! RADIO WILL BE BLOCKED AFTER THAT! PRESS OK".

☛ Press the **OK** button (10) to reach the code entry again.

After the sixth incorrect entry, the display shows "THE RADIO IS BLOCKED!! PLEASE CONTACT THE SERVICE CENTER". Contact your Blaupunkt specialised dealer or the Blaupunkt customer service.

Adjusting the code

Adjust an individual code number to automatically activate the code query, or set the code number to "0000" to deactivate the code query. The code number is factory set to "0000", so that the code query is deactivated.

Note:

Your individual code number is not reset when restoring the factory settings, but retained.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

The "CODE" menu item is selected.

☛ Press the **OK** button to call up the menu item.

☛ If the code query is activated, enter the current code number by pressing the corresponding buttons of the (17) keys.

☛ Press the **OK** button (10) to confirm the current code number.

☛ Enter the new code number by pressing the corresponding buttons of the (17) keys.

☛ Press the **OK** button (10) to save the new code number.

You are returned to the system menu.

Device card

In case of a theft, the device card on the back of these instructions together with the purchase receipt is your proof of ownership. Enter the serial number and the code number of the device. The serial number is located on the side of the device and poss. also on the original box.

Startup

This chapter contains information about switching the device on and off, adjusting the volume, performing menu settings, and resetting the device to the factory settings. It also provides information about connecting a USB medium and correctly inserting a CD in the device.

Switching the device on/off

The device is switched on or off with the ignition. The introductory animation starts and can be cancelled with the **OK** button (10). The device plays the audio source you previously listened to.

To manually switch on the device,

☛ press the On/Off button (15).

To switch off the device,

☛ press and hold the On/Off button (15) for approx. 2 seconds.

Note:

To protect the vehicle battery if the ignition is switched off, the device automatically switches off after one hour.

Adjusting the volume

DANGER!

High volume

Excessive volume can damage your hearing and you may fail to hear acoustic warning signals!

- The devices mutes itself while it changes the CD in the CD changer or the audio source. During this mute phase, the volume may be changed, but it is not audible. Do not increase the volume during a mute phase.
- Always set the device to a moderate volume.

☛ Turn the volume control (14).

The current volume is shown on the display and used for all audio sources.

Note:

The volume can also be changed during a traffic announcement/phone call/navigation announcement using the volume control (14) for the duration of the phone call or the announcement.

Muting the device

☛ Briefly press the On/Off button (15).

"MUTE" appears on the display.

To cancel the mute function,

☛ briefly press the On/Off button (15) again.

OR:

☛ Turn the volume control (14).

Overview of the menu operation

The different basic settings of the device and many functions of the different operating modes are available via menus:

- In the System menu, you perform the basic settings for the device (e.g. display brightness and colour, power-on volume and volume for traffic announcements, telephone calls and more, time, scan time and settings for C'n'C and AUX mode).
- In the Audio menu, you perform sound settings (e.g. bass, treble, volume distribution, equalizer).
- In the menu of the respective operating mode (e.g. tuner or CD mode), you can perform settings for the current operating mode and select functions.

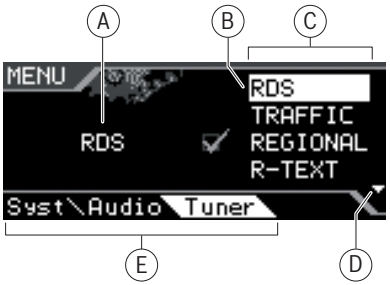
To open a menu,

☛ press the **MENU** button (9).

By default, the menu of the current operating mode is opened, e.g. the tuner menu, if the device is in tuner mode when you press the **MENU** button (9).

Note:

You cannot call up the menu if the device is muted ("MUTE").



(A) Option of the selected menu item

(B) Selected menu item

(C) Menu items of the selected menu

(D) Arrows indicate in which direction you can scroll in the menu

(E) Menu selection

To select a different menu,

☛ press the rocker switch < or > (16).

It switches from the menu of the current operating mode to the System or Audio menu. The Tuner menu is also available in all other operating modes, e.g. to switch the priority for traffic information on or off.

To select and call up a menu item in the current menu,

☛ press the rocker switch ⌃ or ⌄ (16).

☛ Press the **OK** button (10).

You can exit a menu as follows:

- You confirm a setting with the **OK** button (10) and go back one higher menu level.

  Text input (e.g. your personal welcome text) should always be confirmed with the **OK** button (10) to save the text change.
- The **DIS•ESC** button (11) returns you directly to the display of the active audio source.

Text inputs are **not** automatically saved. Pressing the **DIS•ESC** button (11) cancels the text input without saving it. All other settings are saved.

- Every menu contains the "EXIT" menu item. If you select "EXIT" and press the **OK** button (10), you return to the higher-level menu.

If no selection or setting is performed in a menu for approx. 8 seconds, the display automatically returns to the display of the audio source (in the *Bluetooth*® menu, this time is approx. 30 seconds). Your settings – with the exception of text inputs – are saved.

Setting the Menu Language

You can also set German as the menu language instead of English. Many important menu entries and messages, particularly in the *Bluetooth*® menu, are then displayed in German.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "LANGUAGE" function.

☛ Press the **OK** button (10).

☛ Press the rocker switch ⊼ or ⊻ (16) to select the desired setting "ENGLISH" or "DEUTSCH".

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Resetting the device (NORMSET)

You can reset the device to the factory settings (see appendix A1). Your personal settings. e.g. your welcome text, will be deleted in the process.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "NORMSET" function.

☛ Press and hold the **OK** button (10) for longer than 4 seconds.

The display briefly shows "NORM ON". The factory settings are restored. The radio briefly switches off and automatically on again during the process.

Note:

If you press and hold the **OK** button (10) for less than 4 seconds, "NORM OFF" is displayed. Your personal settings are retained. Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

USB port

You can connect the following USB media to the device and use them as audio source:

- USB stick
- USB hard disk (max. 800 mA)
- MP3 player with USB port

The device can play MP3 or WMA formats (WMA version 9, without DRM copy protection only).

Note:

Blaupunkt cannot guarantee the proper functioning of all USB media available on the market!

Connecting the USB cable

Plug the supplied USB cable into the USB port on the front side of the device. For further details, please read the installation instructions.

The USB cable can then be routed, for example, to the glove compartment or a suitable place of the center console.

Connecting the USB medium

Note:

Always switch off the device before connecting or disconnecting your USB medium! The USB medium is correctly registered/unregistered only with switching on/off.

☛ Switch off the car sound system by holding the On/Off button (15) pressed for longer than 2 seconds.

☛ Connect the USB medium with the USB cable.

What characteristics do USB media have to have?

The device recognises the USB medium only if it is a mass storage with the following features:

File system	FAT16 or FAT32, **no** NTFS!
ID3 tags	Version 1 or 2
Format	Only MP3 **or** WMA files, folders, playlists
Number	Max. 1,500 files (folders and tracks) per folder
Naming of files	File extension ".wma"/ ".mp3"
	Max. 24 characters (more characters are possible, but they reduce the max. number of files)
	No special characters or umlauts
Bit rate	MP3: 8 to 320 kbps WMA: 8 to 192 kbps

Under Windows 2000/XP, the FAT32 formatting creates a maximum partition size of 32 GB. If you are using a USB medium with more than 32 GB, it may result in read errors for additional partitions.

If a large number of files is stored on your USB medium, the speed of the file search may be reduced.

Selecting the USB as audio source

☛ Press the **SOURCE** button (8) repeatedly until "USB" appears on the display.

"READING" briefly appears on the display. The playback starts.

If USB is selected as audio source, the MP3 display is shown. For further details, please read the chapter "CD/USB mode (MP3/WMA)".

Handling CDs

The device can play the following CD formats:

- Audio CD with the CompactDisc logo (some CDs with copy protection cannot be played)

  Note

  Blaupunkt cannot guarantee the proper functioning of copy-protected CDs!

- CD-R or CD-RW with MP3 or WMA files (WMA version 9, without DRM copy protection only)

  Note:

  The quality of self-burnt CDs fluctuates due to different CD blanks, burner software, and burn speeds. For this reason, it is possible that the device cannot play some self-burnt CDs.

If you cannot play a CD-R/CD-RW:

- Use blanks from a different manufacturer or a different colour.
- Reduce the burn speed.

What features do MP3 or WMA CDs have to have?

The device can only play and display MP3 or WMA CDs with the following features:

CD format	ISO 9660 (Level 1 or 2) or Joliet
ID3 tags	Version 1 or 2
Format	Only MP3 **or** WMA files, folders, playlists
Number	Max. 999 tracks in 99 folders
Naming of files	File extension ".wma"/ ".mp3"
	Max. 16 characters (more characters are possible, but they reduce the max. number of files)
	No special characters or umlauts
Bit rate	MP3: 8 to 320 kbps WMA: 8 to 192 kbps

Inserting and removing a CD

CAUTION!

Damaging the CD drive

Labelled or shaped CDs can damage the CD drive.

- Do not insert any mini CDs (8 cm diameter) or shape CDs damage.
- Insert only circular CDs with a 12-cm diameter.
- Do not attach labels to CDs since the label may detach during operation.

Note:

Label CDs only by using a marker since it does not contain any caustic materials. Permanent markers can damage CDs.

☛ If a CD is in the drive, press the ⏏ button (1).

The CD is ejected.

☛ Remove the CD.

If you do not remove the CD, it is automatically pulled in again after a few seconds.

☛ Insert the CD with its printed side uppermost into the CD drive (2) until you feel some resistance.

The CD is automatically drawn in.

"READING" briefly appears on the display. Next, the following appears:

- The audio CD display if an audio CD is inserted.
- The MP3 display if an MP3 or WMA CD is inserted.

The CD starts playing.

Selecting the CD as audio source

You can select an inserted CD as audio source:

☛ Press the **SOURCE** button (8) repeatedly until "CD" (for audio CD) or "MP3" (for MP3 CD) appears on the display.

Note:

The CD mode can be selected only if a readable CD is inserted.

To operate the audio CD display, please read the chapter "CD mode (audio)".

To operate the MP3 display, please read the chapter "CD/USB mode (MP3/WMA)".

Tuner mode

This device can receive radio stations in the FM frequency ranges as well as MW and LW.

Set the device to the region Europe, USA, South America or Thailand

The device is set to the frequency ranges and station technologies of the region in which it was purchased. You can adjust this setting to the different frequency ranges and station technologies of Europe, the United States, South America or Thailand. To do so, the device must be switched off:

☛ Simultaneously press the **AUDIO** (12) and ✱ button (17) while switching on the device.

The display shows "TUNER AREA" and the current setting as well as a list of available options.

☛ Press the rocker switch ⊼ or ⊻ (16) to switch between the regions EUROPE, USA, SAMERICA and THAILAND.

☛ Confirm the setting with the **OK** button (10).

Note:

The tuner functions described in these operating instructions refer to the region Europe (tuner setting "EUROPE").

Starting tuner mode

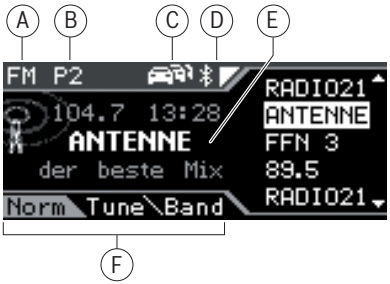
☛ Press the **SOURCE** button (8) repeatedly until "TUNER" appears on the display.

OR:

☛ Press the **TUNER** button (13).

The playback starts immediately with the previously played station if the vehicle is within the reception area of this station.

The tuner display



Ⓐ Waveband/memory bank

Ⓑ Memory location of the current station (if stored)

Ⓒ Traffic information priority

Ⓓ *Bluetooth*® status

Ⓔ Display area for frequency, time, station name and radio text

Ⓕ Menu selection

In tuner mode, you can adjust and store stations in the current waveband and select stored stations (for further details, please read the section "Adjusting stations" or "Storing stations manually" in this chapter).

All other functions are available in the following 3 menus in menu mode:

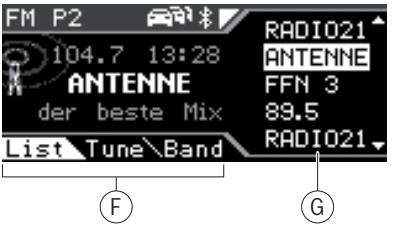
- List: In the List menu, the frequencies/ stations stored on the station buttons are displayed in a list and can be selected.
- Tune: The Tune menu provides functions for scanning stations and automatic station storage.
- Band: The Band menu allows selecting the waveband or the memory bank.

In regular tuner mode, "Norm" is displayed on the left side in the menu selection (F).

To change from regular tuner mode to menu mode and back,

☛ press the **DIS•ESC** button (11).

In menu mode, "List" is displayed in the menu selection (F) instead of "Norm". The "List" menu (list of stored stations) is selected. The options of the "List" (G) menu are displayed



(F) Menu selection

(G) Options of the current menu

You can switch between the menus with the rocker switch < or > (16). The options of the respective (G) menu are displayed.

Setting the waveband/memory bank

You can adjust and set radio stations of the FM, MW and LW wavebands.

The wavebands MW and LW each provide one memory bank with 10 memory locations each. The FM waveband features 2 memory banks each with 10 memory locations each: FM and FMT.

☛ Press the **TUNER** button (13).

OR:

☛ To change to the menu mode, press the **DIS•ESC** button (11).

☛ Press the rocker switch > (16) twice to open the "Band" menu.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the desired waveband or memory bank.

☛ Press the **OK** button (10).

The desired waveband or memory bank is adjusted. After a short period of time, the display automatically returns to the regular tuner mode.

You can now perform the following actions in this waveband/memory bank:

- Adjusting stations
- Storing stations

Adjusting stations

There are 3 ways of tuning into a station:

- Tuning into stations automatically (station seek tuning)
- Tuning into stations manually
- Selecting stored stations

Station seek tuning

☛ Press the rocker switch ⊼ or ⊻ (16).

If you press and hold the rocker switch ⊼ or ⊻ (16) automatic seek tuning skips the stations found until you release the rocker switch again.

The tuner searches for the next receivable station in the current waveband. The adjusted sensitivity of the station seek tuning (section "Changing the seek tuning sensitivity") and the following settings are taken into consideration:

- The "PTY TYPE" (programme type) setting in the "TUNER" menu: The tuner searches for stations that are broadcasting the defined programme type.
- The "TRAFFIC" (traffic information) setting in the "TUNER" menu: With priority for traffic announcements, the tuner exclusively adjusts traffic information stations.

Note:

These settings are available only for FM. An exact description of these settings can be found in the following sections of this chapter.

Tuning into stations manually

Notes:

- Tuning into stations manually is possible only if the RDS functions and PTY are deactivated.
- If the RDS function is activated, you can scroll in the broadcasting networks in whose reception area you are located.

☛ Press the rocker switch < or > (16) to change the frequency quickly (press and hold) or in 100-kHz increments (press short).

Selecting stored stations

☛ Select the desired waveband or memory bank.

☛ Press one of the station buttons **0 - 9** (17).

Or in the List menu:

☛ To change to the menu mode, press the **DIS•ESC** button (11).

☛ Press the rocker switch ⊼ or ⊻ (16) to select a frequency or station from the list.

☛ Press the **OK** button (10).

The stored station is called up, provided that it can be received at the current vehicle position.

The frequency of the station or the station name appears on the display.

Storing stations

There are 2 ways of storing a station:

- Storing stations manually
- Searching and storing stations automatically (Travelstore)

Storing stations manually

After tuning into a station, it can be stored as follows:

☛ Press one of the station buttons **0 - 9** (17) for approx. 2 seconds to which you want to assign the station.

Or in the List menu:

☛ To change to the menu mode, press the **DIS•ESC** button (11).

☛ Press the rocker switch ⊼ or ⊻ (16) to select a memory location in the list.

☛ Press and hold the **OK** button (10) for approx. 2 seconds.

The list displays the frequency or the name of the station at the selected memory location. The station was stored.

Searching and storing stations automatically (FM only: TRAVEL STORE)

You can automatically search for and store the ten FM stations offering the strongest reception in the region in the FMT memory bank, Stations that were previously stored in the FMT memory bank are automatically deleted.

☛ To change to the menu mode, press the **DIS•ESC** button (11).

☛ Press the rocker switch > (16) to open the "Tune" (adjusting stations) menu.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "T-STORE" function.

"TRAVEL STORE" appears on the display.

☛ Press the **OK** button (10).

The tuner starts with the automatic seek tuning. After the storing is completed, the radio plays the station at memory location 1 of the FMT level.

Changing the seek tuning sensitivity (SENS)

The seek tuning sensitivity determines whether the automatic station seek tuning locates only strong stations or also weaker stations. You can adjust the seek tuning sensitivity separately for the FM and MW/LW wavebands.

☛ Select the waveband for which you want to set the seek tuning sensitivity.

☛ Press the **MENU** button (9).

The Tuner menu opens.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "SENS" function.

☛ Press the **OK** button (10).

☛ Press the rocker switch < or > (16) to adjust the sensitivity between "SENS LOW 1" (lowest sensitivity) and "SENS HIGH 6" (highest sensitivity.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Scanning all receivable stations (BANDSCAN)

You can scan all receivable stations of a waveband. The scan time can be set as described in the chapter "User settings".

☛ Select the waveband (FM, MW, LW) whose receivable stations you want to scan.

☛ To change to the menu mode, press the **DIS•ESC** button (11), if necessary.

☛ Press the rocker switch > (16) to open the "Tune" (adjusting stations) menu.

The "BANDSCAN" function is selected.

☛ Press the **OK** button (10).

"SCAN" and the current frequency or the station name appear on the display.

The tuner is searching for stations. As soon as the tuner has located a station, it is played.

To continue listening to the currently scanned station,

☛ Press the **OK** button (10).

After a complete search of the frequency band, scanning stops. The previously set station is played.

Displaying radio text

In addition to your programme, stations can broadcast text news (radio text) that can be shown on the display.

To switch the display of radio text on/off:

☛ Press the **MENU** button (9).

The Tuner menu opens.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "R-TEXT" function.

☛ Press the **OK** button (10).

☛ Switch between the settings with the rocker switch < or > (16).

- > "RADIO TEXT" ☑ : Radio text on.
- < "RADIO TEXT" ☐ : Radio text off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Receiving traffic announcements

If you switch on the priority for traffic announcements, the device uses the RDS services TA (Traffic Announcement) and EON (Enhanced Other Network). TA switches traffic reports even if you are currently listening to a different audio source. The volume for the traffic announcement can be adjusted (see the chapter "User settings", section "Changing volume presettings").

If no traffic information station is currently defined, the RDS service EON ensures that the device automatically changes to a traffic information station of the same broadcasting network for the duration of a traffic announcement.

Switching the priority of traffic reports on/off

The priority of traffic reports is switched on if the symbol appears on the display. This setting limits the station search and scanning (SCAN) for traffic information stations.

To switch the traffic report priority on/off,

☛ press the **MENU** button (9).

The Tuner menu opens.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "TRAFFIC" function.

☛ Press the **OK** button (10).

☛ Switch between the settings with the rocker switch < or > (16).

- > "TRAFFIC" ☑: Priority on.
- < "TRAFFIC" ☐: Priority off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Note:

For the device to switch through traffic reports, a station must be defined that supports TA or belongs to a broadcasting network with traffic information stations.

A signal tone appears every 30 seconds if you leave the broadcast area of the traffic information station or switch to a station that does not support the traffic information priority. In this case, switch off the priority or tune into a traffic information station. If a different audio source than the tuner is active, the device automatically searches for a traffic information station.

Skipping a traffic announcement

To cancel a traffic announcement without switching off the priority of traffic announcements,

☛ press the **DIS•ESC** button (11).

The previously active audio source is played again. If a traffic announcement is broadcast again, the device automatically switches it through again.

Receiving an alternative frequency of a station

The device can automatically switch to the best alternative frequency of the same station if the reception becomes poor.

Allowing/preventing alternative frequencies (RDS)

To switch RDS on/off,

☛ press the **MENU** button (9).

The Tuner menu opens, the "RDS" function is selected.

☛ Press the **OK** button (10).

☛ Switch between the settings with the rocker switch < or > (16).

- > "RDS" ☑: RDS on, allowing alternative frequencies.
- < "RDS" ☐: RDS off, preventing alternative frequencies.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Note:

For the device to switch to an alternative frequency (AF) in case of poor reception, the station must also support the RDS function Alternative frequency (AF).

Allow/prevent changing to other regional programmes (REGIONAL)

Some stations divide their programmes into regional programmes with different contents at certain times. You can use the REG function to prevent the device from switching to alternative frequencies that are transmitting different programme content.

To switch the regional function on/off,

☛ press the **MENU** button (9).

The Tuner menu opens.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "REGIONAL" function.

☛ Press the **OK** button (10).

☛ Switch between the settings with the rocker switch < or > (16).

- > "REGIONAL" ☑: Regional function on. The tuner only changes to alternative frequencies of the set stations that broadcast the same regional programme.
- < "REGIONAL" ☐: Regional function off. The tuner also changes to alternative frequencies that broadcast another regional programme.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Receiving the programme type

You can select a programme type (PTY) to purposefully search for stations, for example, that broadcast rock music or sport events.

Selecting a programme type or switching off PTY (PTY TYPE)

☛ Press the **MENU** button (9).

The Tuner menu opens.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "PTY TYPE" function.

☛ Press the **OK** button (10).

A list with available programme types and the setting "NO PTY" (PTY off) are displayed.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the desired programme type or the "NO PTY" setting.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

You can locate a station that broadcasts the selected programme type by using the automatic station seek tuning. For instructions, please read the section "Station seek tuning" in this chapter.

If no station with the correct programme type is found, the display briefly shows "NO PTY FOUND" and the original frequency is adjusted again.

Selecting the programme type language (PTY LANG)

You can select the language in which the programme types should be displayed. Available are "DEUTSCH", "ENGLISH" and "FRANÇAIS".

☛ Press the **MENU** button (9).

The Tuner menu opens.

☛ Press the rocker switch ⊼ or ⊻ (16) to select the "PTY LANG" function.

☛ Press the **OK** button (10).

☛ Press the rocker switch ⊼ or ⊻ (16) to select the desired language.

☛ Press the rocker switch > (16) to switch on the selected language.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

CD mode (audio)

Audio CDs are played in the CD mode (audio). How to insert and remove CDs is described in the chapter "Startup".

Starting the audio CD mode

You can select an inserted CD as audio source:

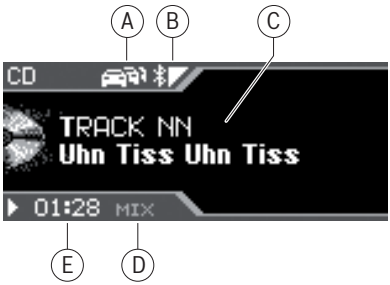
☛ Press the **SOURCE** button (8) repeatedly until "CD" appears on the display.

The playback starts.

Note:

As long as the CD is in the drive, the device stores track and playing time of the previously played CD. After calling up the audio source, the playback starts at the point where it was interrupted.

The audio CD display



Ⓐ Traffic information priority

Ⓑ *Bluetooth*® status

Ⓒ Display area for track number and CD text (album, artist, track name if available and switched on)

Ⓓ Random playback (MIX) or repeat function (RPT)

Ⓔ Playing time or time

The CD menu

The CD menu provides functions such as MIX and REPEAT (see the lower table on the next page).

To select a function and its desired option in the CD menu,

☛ press the **MENU** button (9).

The CD menu opens.

☛ To select the desired function, press the rocker switch ⊼ or ⊻ (16).

☛ Press the **OK** button (10).

☛ Press the rocker switch > (16) to switch on the selected option, or the rocker switch < (16) to switch it off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Functions in the CD mode (audio)

The functions of the following table can be called directly on the CD display by touching a button.

Function	Action	Display/description
Selecting tracks	Press the rocker switch < or > (16).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch < or > (16).	Audibly scanning a track forward or back
Scanning tracks	Press the **OK** button (10) for longer than 2 seconds.	"SCAN": Scans all tracks on the CD (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off
Playing time/ time	Press the **DIS•ESC** button (11).	Change between display of playing time and time.

The functions of the following table can be called up in the CD menu. For further details, please read the preceding section "The CD menu".

Function	Menu item	Options
Random playback	MIX	"MIX CD" ☑: Mixing the tracks on the CD. "MIX CD" ☐: Regular playback.
Repeating tracks	REPEAT	"REPEAT TRACK" ☑: Repeat the current track. "REPEAT TRACK" ☐: Regular playback.
Display CD text	CD-TEXT	☑: The display shows CD text. ☐: The display does not show CD text.
Switching scrolling text on/off	SCROLL	☑: The track information appears as scrolling text. ☐: The track information does not appear as scrolling text.

CD/USB mode (MP3/WMA)

In CD/USB mode, you can play CD-Rs or CD-RWs or a USB medium with MP3 or WMA tracks.

The chapter "Startup" describes what you must observe when connecting and disconnecting USB media. It also contains information about inserting and removing CDs.

Starting the CD/USB mode

You can select an already inserted CD-R or CD-RW or a connected USB data carrier as audio source:

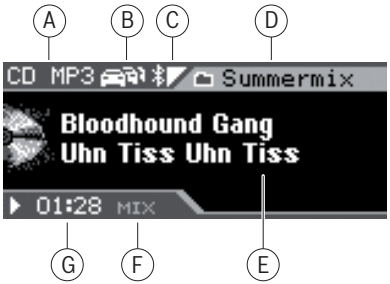
☛ Press the **SOURCE** button (8) repeatedly until "CD" or "MP3" or "USB" appears on the display.

The playback starts.

Note:

The USB mode can be selected only if a valid USB medium is connected.

The MP3 display



Ⓐ MP3 source ("CD MP3" or "USB")

Ⓑ Traffic information priority

Ⓒ *Bluetooth*® status

Ⓓ Current directory

Ⓔ Display area for the file names as well as artist, album or track[1]

Ⓕ Random playback (MIX) or repeat function (RPT)

Ⓖ Playing time

You can switch between the following modes with the **DIS•ESC** button (11):

- MP3 display
- Browse mode
- Playlist mode (if playlist is available on USB/CD)

1 Album and artist can be displayed only if they are stored in the ID3 tags of the MP3 track.

Functions in the CD/USB mode (MP3/WMA)

The functions of the following table can be called directly on the MP3 display by touching a button.

Function	Action	Response
Selecting folders	Press the rocker switch ⊼ or ⊻ (16).	⊼: Selecting the next folder ⊻: Selecting the previous folder
Selecting tracks	Press the rocker switch < or > (16).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch < or > (16).	Audibly scanning a track forward or back
Scanning tracks	Press the **OK** button (10) for longer than 2 seconds.	"SCAN": Scans all tracks on the CD/USB (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off

The functions of the following table can be called up in the MP3 menu. For further details, please read the following section, "The MP3 menu".

Function	Menu item	Options
Random playback	MIX	"MIX FOLDER": Mix tracks of the current folder. "MIX ALL": Mix all the tracks.
Repeating tracks	REPEAT	"REPEAT TRACK": Repeat the current track. "REPEAT FOLDER": Repeat the current folder.
Displaying track information	DISPLAY	"ARTIST": Display the artist. "ALBUM": Display the album. "SONG": Display the track names.
Switching scrolling text on/off	SCROLL	☑: The track information appears as scrolling text. ☐: The track information does not appear as scrolling text.

The MP3 menu

To select a function and its desired option in the MP3 menu,

☛ press the **MENU** button (9).

The MP3 menu opens.

☛ To select the desired function, press the rocker switch ⊼ or ⊻ (16).

☛ Press the **OK** button (10).

☛ To select the desired option among several options, press the rocker switch ⊼ or ⊻ (16).

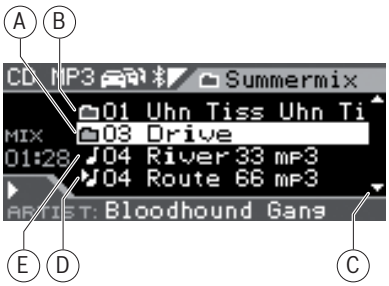
☛ Press the rocker switch > (16) to switch on the selected option, or the rocker switch < (16) to switch it off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

The Browse mode

In the Browse mode, tracks and directories are displayed the same way they are stored on the MP3 data carrier. This allows you to purposefully search for and open a specific directory and select a track stored in that directory without having to interrupt the current playback.

The browse display



Ⓐ Marked directory or track (open or playback with rocker switch > (16))

Ⓑ Directory

Ⓒ Up and down arrows indicate in which direction you can scroll

Ⓓ Currently playing track

Ⓔ Track

Selecting tracks in Browse mode

☛ During MP3/WMA playback, press the **DIS•ESC** button (11) repeatedly until the Browse mode is displayed.

It shows all folders and tracks stored on the data carrier.

To select a track or folder,

☛ press the rocker switch ⊼ or ⊻ (16) to scroll through the tracks and folders.

Fast scrolling is achieved by pressing the rocker switches for a longer time.

☛ Press the rocker switch < (16) to change up to a higher-level folder.

☛ Press the rocker switch > (16) to open a folder or to play a track.

The files are played back in the order in which they were physically stored on the data carrier. This order is also displayed in the Browse mode.

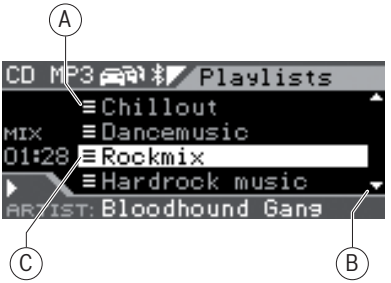
Note:

Fast searching is not available in Browse mode.

The Playlist mode

The device can play playlists that were created with an MP3 manager, such as WinAmp or Microsoft Media Player. The playlists must be stored in the root folder of the data carrier. The following playlist formats are valid: M3U, PLS, WPL, ASX and RMP.

The Playlist display



Ⓐ Playlist

Ⓑ Up and down arrows indicate in which direction you can scroll

Ⓒ Marked playlist
(open with rocker switch > ⑯)

Selecting tracks in Playlist mode

☛ During MP3/WMA playback, press the **DIS•ESC** button ⑪ repeatedly until Playlist mode is displayed.

It shows all playlists stored in the root folder of the data carrier.

To select a track from a playlist,

☛ press the rocker switch ⌃ or ⌄ ⑯ to scroll through the playlists.

Fast scrolling is achieved by pressing the rocker switches for a longer time.

☛ Press the rocker switch > ⑯ to open a playlist.

☛ Press the rocker switch ⌃ or ⌄ ⑯ to scroll through the tracks of the playlist.

☛ Press the rocker switch > ⑯ to play a track.

The tracks are played in the order in which they are stored in the playlist. This order is also displayed in the Playlist mode.

Note:

Fast searching is not available in Playlist mode.

C'n'C mode

In C'n'C mode (C'n'C = Command and Control), you access devices that are connected via a C'n'C-ready interface.

Note:

For details about connecting a C'n'C-ready interface and the required settings, please read the chapter "AUX mode".

Starting C'n'C mode

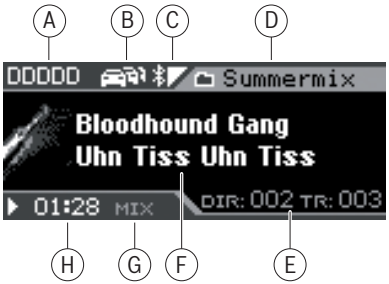
☛ Press the **SOURCE** button (8) repeatedly until the name of the device connected via C'n'C appears on the display.

The playback starts.

Note:

The C'n'C mode can be selected only if a suitable device is connected via a C'n'C-ready interface.

The C'n'C display



Ⓐ Name of audio source
Ⓑ Traffic information priority
Ⓒ *Bluetooth*® status
Ⓓ Name of current directory
Ⓔ Directory and track number
Ⓕ Display area for the track names as well as artist and album
Ⓖ Random playback (MIX) or repeat function (RPT)
Ⓗ Playing time

You can switch between the following modes with the **DIS•ESC** button (11):

- C'n'C display
- C'n'C display with time
- Browse mode

Note

In the C'n'C mode, you can select tracks and directories as well as playlists in Browse mode. Playlist can be selected as directories in Browse mode and opened. For further details, please read the section "The Browse mode" in the chapter "CD/USB mode (MP3/WMA)".

Functions in C'n'C mode

The functions of the following table can be called directly on the C'n'C display by touching a button.

Function	Action	Response
Selecting folders	Press the rocker switch ⊼ or ⊻ (16).	⊼: Selecting the next folder ⊻: Selecting the previous folder
Selecting tracks	Press the rocker switch < or > (16).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch < or > (16).	Audibly scanning a track forward or back
Scanning tracks	Press the **OK** button (10) for longer than 2 seconds.	"SCAN": Scans all tracks on the device (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off

The functions of the following table can be called up in the C'n'C menu. For further details, please read the following section, "The C'n'C menu".

Function	Menu item	Options
Random playback	MIX	"MIX FOLDER": Mix tracks of the current folder. "MIX ALL": Mix all the tracks. "MIX MAG"[1]: Mix the tracks of all CDs in the CD changer. "MIX SONG"[2]: Mix all the tracks with the same track name. "MIX ALBUM"[2]: Mixx all the tracks with the same album name.
Repeating tracks	REPEAT	"REPEAT TRACK": Repeat the current track. "REPEAT FOLDER": Repeat the current folder. "REPEAT DISC"[1]: Repeat the current CD.
Displaying track information	DISPLAY	"ARTIST": Display the artist. "ALBUM": Display the album. "SONG": Display the track names.
Switching scrolling text on/off	SCROLL	☑: The track information appears as scrolling text. ☐: The track information does not appear as scrolling text.

1 Option is only available if CD changer is connected via C'n'C interface.

2 Option is only available if iPod® is connected via C'n'C interface.

The C'n'C menu

To select a function and its desired option in the C'n'C menu,

☛ press the **MENU** button (9).

The C'n'C menu opens.

☛ To select the desired function, press the rocker switch ⊼ or ⊻ (16).

☛ Press the **OK** button (10).

☛ To select the desired option among several options, press the rocker switch ⊼ or ⊻ (16).

☛ Press the rocker switch > (16) to switch on the selected option, or the rocker switch < (16) to switch it off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

CD changer mode

You can connect the following CD changers to the device.

- Blaupunkt CDC A03
- Blaupunkt CDC A08
- Blaupunkt IDC A09

How to insert CDs in the CD changer magazine is described in the instructions of your CD changer.

Note:

For details about connecting a CD changer and the required settings, please read the chapter "AUX mode".

Switching to CD changer mode

Note:

To be able to select the CD changer as audio source, at least one CD must be in the magazine.

To select a connected CD changer as audio source,

☛ press the **SOURCE** button (1) repeatedly until "CDC" appears on the display.

If you select a CD changer as audio source for the first time, "MAG SCAN" appears on the display until the CD changer is operational.

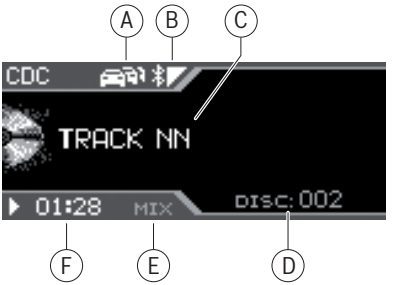
The CD changer display appears. The playback starts.

Selecting a CD

☛ To select a CD, press the rocker switch ⊼ or ⊻ (16).

"LOADING CD" briefly appears on the display. The selected CD starts playing.

The CD changer display



Ⓐ Traffic information priority
Ⓑ *Bluetooth*® status
Ⓒ Track number
Ⓓ CD number
Ⓔ Random playback (MIX) or repeat function (RPT)
Ⓕ Playing time or time

Functions in the CD changer mode

Function	Action	Display/response
Selecting tracks	Press the rocker switch < or > (16).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch < or > (16).	Audibly scanning a track forward or back
Scanning tracks	Press the **OK** button (10) for longer than 2 seconds.	"SCAN": Scans all tracks of all CDs (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off
Playing time/ time	Press the **DIS•ESC** button (11).	Change between display of playing time and time.

The functions of the following table can be called up in the CD changer menu. For further details, please read the following section "The CD changer menu".

Function	Menu item	Options
Random playback	MIX	"MIX CD": Mix the tracks on the current CD. "MIX ALL": Mix all the tracks.
Repeating tracks	REPEAT	"REPEAT TRACK": Repeat the current track. "REPEAT DISC": Repeat the current CD.

The CD changer menu

To select a function and its desired option in the CD changer menu,

- ☛ press the **MENU** button (9).

The CD changer menu opens.

- ☛ To select the desired function, press the rocker switch ⊼ or ⊻ (16).
- ☛ Press the **OK** button (10).
- ☛ To select the desired option, press the rocker switch ⊼ or ⊻ (16).
- ☛ Press the rocker switch > (16) to switch on the selected option, or the rocker switch < (16) to switch it off.
- ☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Bluetooth® streaming mode

Devices such as MP3 players can also be connected to the device via *Bluetooth*® if they feature the corresponding equipment. The transfer of audio contents, such as music, via *Bluetooth*® is referred to as *Bluetooth*® streaming.

For additional information about *Bluetooth*® technology, please refer to the chapter "*Bluetooth*® phone call".

Registering Bluetooth® players

The device can be registered with up to 5 *Bluetooth*®-ready cell phones or other devices such as MP3 players. If you register a sixth one, the *Bluetooth*® device registered first is unregistered.

For additional information about managing more registered *Bluetooth*® devices, see the chapter "*Bluetooth*® phone call", section "Managing registered *Bluetooth*® devices".

To register a *Bluetooth*® player,

- ☛ press the **MENU** button (9).
- ☛ Press the rocker switch < (16) to open the "Syst" system menu.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "BT" menu item is selected.
- ☛ Press the **OK** button (10) to call up the menu item.

The "PAIR" menu item is selected.

- ☛ Press the **OK** button (10) to call up the menu item.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "OTHER" menu item is selected.
- ☛ Press the **OK** button (10).

If necessary – the display shows "ENTER PIN" – you can enter the PIN number of the *Bluetooth*® player:

- ☛ Enter the number sequence by pressing the corresponding buttons of the (17) keys.

After entering one digit, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete PIN number,

- ☛ press the **OK** button (10).

The display briefly shows "START PAIRING".

Note:

Entering the PIN of the device (default "1234") may be required in the *Bluetooth*® player to be registered. To do so, follow the instructions of the *Bluetooth*® player.

If the connection is established, "DEVICE CONNECTED" briefly appears on the display. If no connection could be established, then "CONNECTION FAILED" is briefly displayed.

Note:

The time required for the connection is dependent upon the *Bluetooth*® player and can differ from device to device.

Automatic connection of the Bluetooth® player

During switch-on, the car sound system automatically attempts to establish a *Bluetooth*® connection to the *Bluetooth*® player connected last or to the first device in the list of registered devices.

If the connection has been established, "DEVICE CONNECTED" is briefly shown on the display, and you can select the connected *Bluetooth*® player as audio source. If the car sound system was in *Bluetooth*® streaming mode during switch-off, the connected *Bluetooth*® player is automatically selected as current audio source after the connection is established.

If the connection cannot be established, the display shows a corresponding message:

- CONNECTION FAILED – DEVICE NOT FOUND: The car sound system cannot find the *Bluetooth*® player, e.g. because the *Bluetooth*® player is switched off or its *Bluetooth*® function is deactivated.
- CONNECTION FAILED: The car sound system finds the *Bluetooth*® player, but the connection cannot be established due to a *Bluetooth*® error.

  In these two cases, the car sound system continues to attempt the connection in the background. If you attempt to call up a *Bluetooth*® function on the car sound system, "BLUETOOTH LINK BUSY – PRESS REJECT KEY TO CANCEL" is displayed. If you want to cancel the connection attempt, press the ☎ button (4). If necessary, attempt to manually establish the connection to the *Bluetooth*® player in the device list (see the section "Managing registered *Bluetooth*® devices in the device list" in the chapter "*Bluetooth*® phone call").
- CONNECTION FAILED – PLAY FROM THE DEVICE VIA BLUETOOTH: The car sound system can establish a *Bluetooth*® connection to the *Bluetooth*® player, but the *Bluetooth*® player can transfer audio data, e. g. since you currently have a menu open on the *Bluetooth*® player.

  If the transfer of audio data fails, you can select on the *Bluetooth*® player (or the streaming-ready cell phone) whether you want to allow or disallow the audio streaming to the car sound system. If necessary, please read the instructions of your *Bluetooth*® player for further details.

Starting the Bluetooth® streaming mode

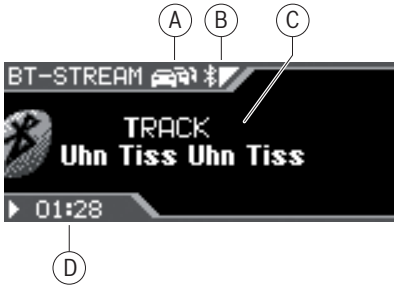
☛ Press the **SOURCE** button (8) repeatedly until "STREAMING" appears on the display.

The playback starts.

Notes:

- The *Bluetooth*® streaming mode can be selected only if a suitable *Bluetooth*® device is connected.
- If the phone book of a connected cell phone is being transferred in the *Bluetooth*® streaming mode, the audio transfer is interrupted for the duration of the phone book download.

The Bluetooth® streaming display



Ⓐ Traffic information priority
Ⓑ *Bluetooth*® status
Ⓒ Track information
Ⓓ Time

ENGLISH

Functions in the Bluetooth® streaming mode

Function	Action	Display/response
Selecting tracks	Press the rocker switch < or > (16).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track

AUX mode

FRONT-AUX-IN socket and rear AUX input

Front AUX-IN socket

DANGER!

Increased risk of injury from connector.

In case of an accident, the protruding connector in the front AUX-IN socket may cause injuries. The use of straight plugs or adapters leads to an increased risk of injury.

For this reason, we recommend using angled jack plugs, e.g. the Blaupunkt accessories cable (7 607 001 535).

As soon as an external audio source, such as a portable CD/MiniDisc or MP3 player is connected to the FRONT-AUX-IN socket, it can be selected with the **SOURCE** button (8). "FRONT AUX" then appears on the display.

Note:

You can individually name the audio source connected via the FRONT-AUX-IN socket and mix it with another audio source. For further details, please read the sections "Naming external audio sources (AUX EDIT)" and "Mixing an external audio source with another audio source (MIX AUX)" in this chapter.

Rear AUX input

You can connect different external audio sources to the device via the rear AUX input:

- C'n'C-ready devices from the Blaupunkt accessories programme (e.g. an iPod®/USB interface).
- CD changer
- Other external audio sources, such as portable CD players, MiniDisc players, MP3 players or a non-C'n'C-ready Blaupunkt interface.

The C'n'C interface from Blaupunkt (C'n'C = Command and Control) allows an even more convenient control of devices and data carriers that are connected to the car sound system via a C'n'C-ready Blaupunkt interface.

This device is factory set for the connection of C'n'C-ready Blaupunkt accessory devices. If you want to connect a non-C'n'C-ready device, such as a CD changer or another external audio source, please perform the settings described in the following sections.

Adjusting the rear AUX input mode

You can select between these modes for the rear AUX input:

- C'n'C mode for C'n'C-ready Blaupunkt interfaces.
- Non-C'n'C mode for non-C'n'C-ready Blaupunkt interfaces, CD changers and other external audio sources.

The C'n'C mode is activated by default.

To switch between C'n'C mode and non-C'n'C mode,

☛ press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ⊼ or ⊻ (16) until the "CDC" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Switch between the settings with the rocker switch < or > (16).

- > "CDC ON" ☑ : Non-C'n'C mode.
- < "CDC ON" ☐ : C'n'C mode.

As soon as you change the setting, the device briefly switches off and back on again with the selected setting (Reset).

Connecting other external audio sources to the rear AUX input

If no C'n'C Blaupunkt accessory device and no CD changer is connected to the device, you can connect other external audio sources via the rear AUX input, such as portable CD players, MiniDisc players or MP3 players.

Note:

An adapter cable is needed to connect an external audio source via the rear AUX input. You can obtain this cable (Blaupunkt no.: 7 607 897 093) from your Blaupunkt dealer.

If you want to connect such an external audio source, proceed as follows:

1. Check whether the non-C'n'C mode is set for the rear AUX input. For further details, please read the section "Adjusting the rear AUX input mode" in this chapter.
2. Connect the external audio source to the rear AUX input while the device is switched off.
3. In the menu of the device, switch on the external audio source. For further details, please read the following section, "Switching the external audio source on/off and selecting it".
4. If necessary, make additional settings for the external audio source. For further details, please read the sections "Naming external audio sources (AUX EDIT)" and "Mixing an external audio source with another audio source (MIX AUX)" in this chapter.

Switching the external audio source on/off and selecting it

If you connected an external audio source to the rear AUX input, you must activate the AUX input in the menu. Then you can select the external audio source with the **SOURCE** button (8). "AUX" then appears on the display.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ⌃ or ⌄ (16) until the "AUX" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Switch between the settings with the rocker switch < or > (16).

- > "REAR AUX" ☑ : AUX input on.
- < "REAR AUX" ☐ : AUX input off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Naming external audio sources (AUX EDIT)

For the two rear AUX inputs, you can enter a separate name that is shown on the display if you select the connected audio source.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ∧ or ∨ (16) until the "AUXEDIT" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current name is displayed. The position digit flashes and can be changed. You can now enter your own name with up to 12 characters:

☛ Enter the name by pressing the corresponding buttons of the (17) keys. Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete name,

☛ press the **OK** button (10) to store the name entered.

Notes:

- To quit the text input without changing the name, press the **DIS•ESC** button (11).
- If the text entry is interrupted, e.g. by a traffic announcement, the previous changes are not stored.

Mixing an external audio source with another audio source (MIX AUX)

You can play an external audio source simultaneously with any other audio source of the radio (radio, CD, USB or *Bluetooth*® streaming).

This function allows you, e.g. to connect a mobile Blaupunkt navigation device as external audio source and to play the navigation announcements via the radio loudspeakers while listening to one of the other audio sources. Note that the other audio source is not muted in this case if a navigation announcement is broadcast.

Note:

The volume of the external audio source and the volume of the audio source of the radio are adjusted separately:

- Adjust the volume for the radio, CD, USB or *Bluetooth*® streaming playback with the volume control (14).
- Use an output on the connected device whose volume you can adjust (e.g. the headphones output), and adjust the volume of the external audio source with the corresponding controller of the device.

The simultaneous playback must be activated in the menu. If "MIX AUX" is activated for the FRONT-AUX-IN socket or for the rear AUX input, the corresponding audio source is played back together with the currently selected audio source (e.g. radio or CD). If "MIX AUX" is deactivated for both AUX inputs, only the selected audio source is played back.

To switch "MIX AUX" on/off,

☛ press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ∧ or ∨ (16) until the "MIX AUX" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Selected the desired option with the rocker switch ⊼ or ⊻ (16):

- "FRONT AUX" (FRONT-AUX-IN socket)
- "REAR AUX" (rear AUX input)

☛ Switch between the settings for the selected option with the rocker switch < or > (16)

- > "FRONT AUX"/"REAR AUX" ☑ : On.
- < "FRONT AUX"/"REAR AUX" ☐ : Off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Managing several C'n'C-ready devices

When using suitable adapter cables, you can connect up to 3 C'n'C-ready Blaupunkt interfaces to the device. For the device to distinguish the different interfaces, you can assign them individual device numbers.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" system menu.

☛ Press the rocker switch ⊼ or ⊻ (16) until the "CNC EDIT" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The menu displays the 3 C'n'C devices "DEVICE 1" to "DEVICE 3".

☛ Select a device with the rocker switch ⊼ or ⊻ (16).

☛ Press the **OK** button (10).

You can now enter the four-digit PIN number of the device:

☛ Enter the number sequence by pressing the corresponding buttons of the (17) keys.

Note:

The PIN of a C'n'C device consists of 4 hexadecimal digits. Every digit can take on 16 different values from 0 to 9 and A to F. To enter the values from A to F for a digit, press the "2" or "3" button of the keys as often as required.

After entering one digit, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete PIN number,

☛ press the **OK** button (10).

Bluetooth® phone call

The integrated *Bluetooth*® module in your device allows the hands-free use of a phone via a *Bluetooth*® connection. The cell phone can remain in the bag or the glove compartment – you have both hands free for steering.

Besides cell phones, you can also connect *Bluetooth*®-ready MP3 players with the device and play back audio contents via *Bluetooth*® streaming. For further details, please read the chapter "*Bluetooth*® streaming mode".

Bluetooth® preparation

Prerequisites for *Bluetooth*® phone calls are a *Bluetooth*®-ready cell phone and the installation of the supplied microphone (see the installation instructions).

Note:

Use only the supplied Blaupunkt microphone. Conventional microphones are not suitable for a connection to this device.

The cell phones that are compatible with the car sound system can be found under www.blaupunkt.com or at your Blaupunkt specialised dealer.

The *Bluetooth*® technology is a wireless connection with a short range. That is, the cell phone must be close to the car sound system (in the vehicle).

How is a Bluetooth® connection established?

First, the cell phone and the car sound system have to "become acquainted" with each other, i.e. they must be registered. When you register the devices, a *Bluetooth*® connection is subsequently established. This connection remains in effect as long as the cell phone is within range. If the connection is interrupted, e.g. because you moved the cell phone outside the range, the connection is automatically re-established as soon as you are back within range.

If you want to connect another registered cell phone with the car sound system, you can do so manually (please read the section "Managing registered *Bluetooth*® devices" in this chapter). If the device is switched off and on again, it automatically attempts to establish a connection with the master telephone (see the section "Determining the master telephone"). If the master telephone is not within range or switched off, the device attempts to establish a connection with another registered cell phone, and in the order in which the telephones were connected last.

Opening the Bluetooth® menu

The *Bluetooth*® menu contains all the required settings and functions.

To open the *Bluetooth*® menu,

- ☛ press the **MENU** button (9).
- ☛ Press the rocker switch < (16) to open the "Syst" system menu.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "BT" menu item is selected.
- ☛ Press the **OK** button (10) to call up the menu item.

The *Bluetooth*® menu opens.

Note:

If a *Bluetooth*® process is currently taking place (e.g. registering a device or downloading a phone book), you cannot open the *Bluetooth*® menu. A corresponding message appears on the display. To return to the current audio source, press the **DIS•ESC** button (11). To cancel the *Bluetooth*® process and open the *Bluetooth*® menu, press the ☎ button (4).

Registering the cell phone

The device can be registered with up to 5 *Bluetooth*®-ready cell phones or other devices such as MP3 players. If you register a sixth one, the *Bluetooth*® device registered first is unregistered.

To register a cell phone,

☛ open the *Bluetooth*® menu.

The "PAIR" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The Device menu opens. The "PHONE" menu item is selected.

☛ Press the **OK** button (10).

The display shows the PIN number for the *Bluetooth*® connection. The *Bluetooth*® cell phone can now be registered.

☛ If requested, enter the PIN displayed in your cell phone.

The car sound system automatically establishes a *Bluetooth*® connection with the cell phone. If the connection has been established, "DEVICE CONNECTED" is briefly shown on the display, and the symbol for the *Bluetooth*® signal strength appears. If no connection could be established, then "CONNECTION FAILED" is briefly displayed.

Notes:

- The time required for the connection is dependent upon the cell phone and can differ from cell phone to cell phone.
- If the car sound system is switched off and on again, it automatically attempts to establish a connection with the master telephone (see the next section) or the cell phone that was connected last. If the cell phone is not available, the display briefly shows "NO DEVICE FOUND – BLUETOOTH CONNECTION FAILED".

Determining the master telephone

If you register several telephones with the device, you can determine a master telephone. The master telephone has a higher priority than the other registered telephones:

- If the device is switched on, it first attempts to establish a connection with the master telephone. Only if the master telephone is not available, does the device attempt to establish a connection with the telephone registered last.
- If you register a sixth *Bluetooth*® device, the one registered first is unregistered. During the process, the master telephone always remains registered, even if it is the first registered *Bluetooth*® device in the list. Instead, the next *Bluetooth*® device in the list is unregistered.

☛ Open the *Bluetooth*® menu.

☛ Press the rocker switch ⊼ or ⊻ (16) until the "MASTER" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

A list of the registered cell phones is displayed.

☛ Press the rocker switch ⊼ or ⊻ (16) to select a telephone.

☛ Press the **OK** button (10).

The selected telephone is defined as master telephone and identified by an "M".

To delete the master telephone,

☛ select the master telephone in the list with the rocker switch ⊼ or ⊻ (16).

☛ Press the **OK** button (10).

The "DELETE" option is selected in the submenu.

☛ Press the **OK** button (10).

Note:

After the deletion, no telephone is defined as master telephone. However, the former master telephone remains registered.

☛ Press the rocker switch < (16) to return to the *Bluetooth*® menu.

Managing registered Bluetooth® devices

In the *Bluetooth*® menu, you can manage the registered *Bluetooth*® devices (cell phones and devices such as MP3 player).

The "DEL ALL" function allows deleting all registered *Bluetooth*® devices.

The registered devices are displayed on the "DEV LIST" device list. You can do the following:

- Unregister the connection to the currently connected *Bluetooth*® device (DISCON)
- Establish a connection to one of the registered *Bluetooth*® devices (CONNECT)
- Unregister a *Bluetooth*® device (DELETE)

Unregister all registered Bluetooth® devices

☛ Open the *Bluetooth*® menu.

☛ Press the rocker switch ⊼ or ⊻ (16) until the "DEL ALL" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The "YES" menu item is selected.

☛ Press the **OK** button (10) to unregister all registered *Bluetooth*® devices and return to the *Bluetooth*® menu.

OR:

☛ Use the rocker switch ⊼ or ⊻ (16) to select the menu item "NO" or "EXIT".

☛ Press the **OK** button (10) to retain all registered *Bluetooth*® devices and return to the *Bluetooth*® menu.

Managing registered Bluetooth® devices in the device list

To mange the registered *Bluetooth*® devices in the device list,

☛ open the *Bluetooth*® menu.

☛ Press the rocker switch ⊼ or ⊻ (16) until the "DEV LIST" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Use the rocker switch ⊼ or ⊻ (16) to select whether cell phones (PHONE) or devices such as MP3 players (OTHER) should be managed.

☛ Press the **OK** button (10).

☛ Select the desired *Bluetooth*® device with the rocker switch ⊼ or ⊻ (16).

☛ Press the **OK** button (10).

☛ Select one of the following functions with the rocker switch ⊼ or ⊻ (16):

- "CONNECT": The selected *Bluetooth*® device is being connected.
- "DISCON": The connection to the selected *Bluetooth*® device is disconnected.
- "DELETE": The selected *Bluetooth*® device is being unregistered.

Note:

The "DISCON" function is available only to the currently connected *Bluetooth*® device, the "CONNECT" function only for the other registered, but not connected *Bluetooth*® devices.

Answering/rejecting a phone call

If you are receiving a call, the display shows "INCOMING CALL" and the phone number of the caller or his entry in the phone book. The active audio source is muted and the ring tone is sent to the loudspeakers.

In case of an incoming call, you must answer or reject the call. At this time, it is not possible to perform another operation using the car sound system.

To reject the call,

☛ press the button (4).

The display shows "CALL ENDED".

To answer the call,

☛ press the button (5).

The display shows "IN CALL–HANDSFREE".

Your caller's voice is broadcast via the loudspeakers.

During the phone call, you can change the volume by means of the volume control (14).

Note:

During the *Bluetooth*® phone call, no traffic or navigation announcements are switched through.

Making a phone call (DIAL NEW)

There are several ways of making a phone call via the car sound system:

- Entering a phone number and dialing or storing it under a button of the keys
- Dialing a number stored under a button of the keys (section "Speed dial")
- Selecting a phone number stored in the phone book of the device (see the section "Storing and calling a phone number in the phone book of the device")
- Selecting a phone number stored in the phone book of the connected cell phone (see the section "The phone book of the cell phone")
- Selecting a phone number from the history (see the section "Calling a phone number from the history")

To enter a phone number and make a call or to save it,

☛ open the *Bluetooth*® menu.

☛ Press the rocker switch ⌃ or ⌄ (16) until the "DIAL NEW" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

Now you can enter a phone number:

☛ Enter the number sequence by pressing the corresponding buttons of the (17) keys.

After entering one digit, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

To call the number entered,

☛ press the button (5).

The display shows "CALLING" and the dialed phone number or its entry in the phone book. If the number is invalid or the call cannot be made for some other reasons, the display briefly shows "CALL FAILED".

To store the phone number entered under a button of the keys (17),

☛ Press the **OK** button (10).

The display shows "Press Number Key to Store OR Press Accept to Call".

☛ Press the desired key **0** - **9** of the keys (17).

The display briefly shows "Number Saved". The number is stored under the selected button and you are returned to the number entry.

Ending a call

To end a call,

☛ press the button (4).

The display shows "CALL ENDED".

You can also end the phone call by switching off the device.

Redirecting an ongoing phone call to the cell phone

By default, the voice of the person calling you is played back via the loudspeakers of the vehicle during a phone call. You can also redirect a phone call to your cell phone:

☛ Briefly press the button (5).

The loudspeakers in the vehicle are muted and your calling partner is switched to your cell phone; the display shows "IN CALL–HANDSET". Pressing the button again plays the sound via the loudspeakers in the vehicle; the display shows "IN CALL–HANDSFREE" again.

OR

☛ Press the On/Off button (15) for longer than 2 seconds.

The car sound system is switched off and your caller is redirected to your cell phone.

Storing and calling a phone number in the phone book of the device

The device features its own phone book in which you can store 10 entries. Every entry consists of a name and a phone number. The numbers stored in the phone book of the device are available independent of the currently connected cell phone.

Storing phone numbers

To store an entry in the phone book of the device,

☛ open the *Bluetooth*® menu.

☛ Press the rocker switch ⌃ or ⌄ (16) until the "RADIO" menu item (phone book of the device) is selected.

☛ Press the **OK** button (10) to call up the menu item.

The "ADD NEW" menu item is selected.

☛ Press the **OK** button (10).

You can now enter your the name of the entry with up to 20 characters:

☛ Enter the name by pressing the corresponding buttons of the (17) keys. Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete name,

☛ press the **OK** button (10).

Now you can enter the phone number:

☛ Enter the number sequence by pressing the corresponding buttons of the (17) keys.

After entering the complete phone number,

☛ press the **OK** button (10).

The new entry is stored.

Calling a phone number

To call a number stored in the phone book of the device,

☛ open the *Bluetooth*® menu.

☛ Press the rocker switch ⌃ or ⌄ (16) until the "RADIO" menu item (phone book of the device) is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Press the rocker switch ⌃ or ⌄ (16) until the "VIEW PBK" menu item is selected.

☛ Press the **OK** button (10).

The entries of the phone book of the device are displayed.

☛ Select the desired entry with the rocker switch ⌃ or ⌄ (16).

☛ Press the button (5) to make the call.

The display shows "CALLING" and the selected entry in the phone book.

Editing an entry

To edit an existing entry in the phone book of the device,

- ☛ open the *Bluetooth*® menu.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "RADIO" menu item (phone book of the device) is selected.
- ☛ Press the **OK** button (10) to call up the menu item.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "EDIT PBK" menu item is selected.
- ☛ Press the **OK** button (10).

The entries of the phone book of the device are displayed.

- ☛ Select the desired entry with the rocker switch ⌃ or ⌄ (16).
- ☛ Press the **OK** button (10).

You can now edit the name of the entry:

- ☛ If necessary, press the rocker switch < or > (16) to select a position.
- ☛ Enter the desired character by pressing the corresponding button of the keys (17) once or several times.

After editing the complete name,

- ☛ press the **OK** button (10).

Now you can edit the phone number:

- ☛ If necessary, press the rocker switch < or > (16) to select a position.
- ☛ Enter the desired digit by pressing the corresponding button of the keys (17).

After editing the complete phone number,

- ☛ press the **OK** button (10).

The modified entry is stored.

Deleting entries

To delete an existing entry in the phone book of the device,

- ☛ open the *Bluetooth*® menu.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "RADIO" menu item (phone book of the device) is selected.
- ☛ Press the **OK** button (10) to call up the menu item.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "DELETE" menu item is selected.
- ☛ Press the **OK** button (10).

The entries of the phone book of the device are displayed.

- ☛ Select the desired entry with the rocker switch ⌃ or ⌄ (16).
- ☛ Press the **OK** button (10).

The selected entry is deleted.

Note:

To delete all the entries of the phone book, select the menu item "DEL ALL" instead of "DELETE" and press the **OK** button (10).

The phone book of the cell phone

You can upload the phone book of the connected cell phone to the device and then select and call entries from the phone book via the device.

Note:

Downloading the phone book means that the entries are copied from the cell phone to the device. The phone book of the cell phone is **not** deleted in the process.

The device stores phone book entries of up to 3 cell phones with up to 500 entries each. Each entry may contain up to 4 different phone numbers, e.g. for private and office numbers of a person.

Downloading a phone book

To download the phone book,

- ☛ open the *Bluetooth*® menu.
- ☛ Press the rocker switch ⌃ or ⌄ (16) until the "PBK DNL" menu item is selected.
- ☛ Press the **OK** button (10) to call up the menu item.

The download of the phone book from the cell phone to the device starts. The display shows "PHONEBOOK DOWNLOADING – Please Wait ...".After the transfer is complete, "DOWNLOAD COMPLETE" is shown; if the transfer was not successful, "DOWNLOAD FAILED" appears.

Note:

If the device is currently in the *Bluetooth*® streaming mode when the phone book is being downloaded, the audio transfer is interrupted for the duration of the phone book download.

Calling an entry in the phone book

Note:

Only the phone book of the currently connected cell phone is available (if this phone book has already been downloaded to the device).

To call an entry in the phone book of the cell phone,

- ☛ open the *Bluetooth*® menu.
- ☛ Press the rocker switch ⊼ or ⊻ (16) until the "MOBILE" menu item is selected.
- ☛ Press the **OK** button (10) to call up the menu item.

The entries of the phone book are displayed.

- ☛ Select the desired entry with the rocker switch ⊼ or ⊻ (16).

Note:

To reach the desired entry faster, press the button of the alphanumeric keys (17) with the corresponding starting letter.

In each case, the first available number for the currently selected entry is displayed. If additional numbers are available under the entry, e.g. an office or cell phone number, it is indicated by means of corresponding symbols on the display.

To call the first number of the entry,

- ☛ press the button (5).

To call a different number of the entry,

- ☛ Press the **OK** button (10).

All numbers stored under this entry are displayed.

- ☛ Select the desired number with the rocker switch ⊼ or ⊻ (16).
- ☛ Press the button (5).

The call is being made. "CALLING" and the name of the entry are shown on the display.

Calling a phone number from the history

The history of the cell phone is automatically downloaded after establishing the *Bluetooth*® connection. The following phone numbers are stored in the history of the cell phone:

- Numbers dialed
- The numbers of received calls
- The numbers of missed calls

To call one of these numbers,

- ☛ open the *Bluetooth*® menu.
- ☛ Press the rocker switch ⊼ or ⊻ (16) until the "CALL LOG" menu item is selected.
- ☛ Press the **OK** button (10) to call up the menu item.
- ☛ Press the rocker switch ⊼ or ⊻ (16) to select one of the following menu items:
  - RECEIVED: Calls received
  - MISSED: Unanswered calls
  - DIALED: Numbers dialed
- ☛ Press the **OK** button (10) to call up the menu item.

The entries of the corresponding list are displayed. The date and time are displayed for the selected entry, if available.

- ☛ Select the desired entry with the rocker switch ⊼ or ⊻ (16).
- ☛ Press the button (5) to make the call.

Speed dial

The speed dial function allows direct access to the phone book of the device, the phone book transferred from the cell phone, the history lists, the voice dialing function and the phone numbers saved under the buttons of the keys.

To use the speed dial,

☛ press the button (5) during regular operation.

Note:

A long press of the button (5) brings you directly to the menu of the device-specific phone book.

A menu with the following menu items is displayed:

- MOBILE: Phone book transferred from the cell phone
- RADIO: Phone book of the device
- RECEIVED: Received calls
- MISSED: Missed calls
- DIALED: Numbers dialed
- VR DIAL: Voice dialing

To dial a number from one of the phone books or one of the lists of the history,

☛ select the desired menu item with the rocker switch ⌅ or ⌄ (16).

☛ Press the **OK** button (10).

☛ Select the desired entry or the number with the rocker switch ⌅ or ⌄ (16).

☛ Press the button (5) to make the call.

To enter a phone number and make a call,

☛ enter the number as described in the section "Making a phone call (DIAL NEW)" by briefly pressing the corresponding buttons of the keys (17).

The menu for the number entry is automatically opened with the first button pressed.

To call a number stored under a number key,

☛ press and hold the corresponding button of the keys (17) for approx. 2 seconds.

To use voice dialing,

☛ use the rocker switch ⌅ or ⌄ (16) to select the "VR DIAL" menu item.

☛ Press the **OK** button (10).

The voice recognition is activated. The display shows "SPEAK NOW".

☛ Say the name for the desired phone number.

Notes:

- The duration for which the voice recognition activated depends on the connected cell phone.
- To cancel voice recognition and return to the last audio source, press the button (4).
- If your speech input is not recognised or the voice dialing on the cell phone is not switched on, the display briefly shows " VOICE RECOGNITION LINK NOT ACTIVE".
- If no *Bluetooth*® connection is established, the display briefly shows "VOICE DIAL FAILED – NO *Bluetooth*® CONNECTION".
- To use voice dialing, this function must be supported by your cell phone and activated in the cell phone.

The call is being made.

Changing the PIN (PIN NUM)

If you want to register a cell phone with the car sound system, you must enter PIN "1234". This PIN can also be changed:

☛ Open the *Bluetooth*® menu.

☛ Press the rocker switch ⌅ or ⌄ (16) until the "PIN NUM" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

Now you can enter the new PIN:

☛ Enter the number sequence by pressing the corresponding buttons of the (17) keys.

After entering one digit, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete new PIN number,

☛ press the **OK** button (10).

The new entry is stored.

Changing the Bluetooth® name of the device (RAD NAME)

The *Bluetooth*® name of the device under which it is displayed by other *Bluetooth*® devices is set to "BLAUPUNKT BT" at the factory. To change this name,

☛ open the *Bluetooth*® menu.

☛ Press the rocker switch ⊼ or ⊻ (16) until the "RAD NAME" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

You can now enter a new *Bluetooth*® name:

☛ Enter the name by pressing the corresponding buttons of the (17) keys. Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete name,

☛ press the **OK** button (10).

The new *Bluetooth*® name is stored.

Sound settings

The following sound settings can be changed in the Audio menu:

- Adjusting bass, treble and volume distribution
- Selecting the sound presetting
- Changing equalizer settings

Note:

The settings for bass (BASS), middle (MIDDLE) and treble (TREBLE) are each stored for the current audio source.

Opening the Audio menu

To call up the Audio menu,

☛ press the **AUDIO** button (12).

OR:

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) until the Audio menu is displayed.

Adjusting bass, treble and volume distribution

To perform settings,

☛ in the Audio menu, press the rocker switch ⊼ or ⊻ (16) to select one of these menu items:

- "BASS": Bass level between -7 and +7
- "TREBLE": Treble between -7 and +7
- "BALANCE": Volume distribution left/right between -9 and +9
- "FADER": Volume distribution front/rear between -9 and +9
- "X-BASS": Increasing the bass at low volume from 0 (off) to 3

The currently active setting is represented by a bar display.

☛ Press the **OK** button (10) to call up the menu item.

☛ To change the setting, press the rocker switch < or > (16).

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Selecting a sound presetting (PRESETS)

You can select sound presets for Pop, Rock and Classical. A sound preset allows adjusting a suitable combination of bass and treble for the type of music.

☛ In the Audio menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "EN AUDIO" (Enhanced menu) menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The Enhanced menu opens.

☛ In the Enhanced menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "PRESETS" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Select one of the following sound presets with the rocker switch ⊼ or ⊻ (16):

- "POP"
- "ROCK"
- "CLASSIC"

☛ Switch the selected sound preset off with the rocker switch < (16) or on with the rocker switch > (16).

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Notes:

- Only one sound preset can be switched on at any time. To activate no sound preset, switch off the currently switched-on sound preset.
- To obtain a perfect sound, the presettings can be supplemented further by the equalizer settings according to personal preferences. If you change the level setting for bass, treble or middle, the selected sound preset is switched off in the menu; but the other level settings of the sound preset are retained.

Equalizer settings

Your device features a digital 3-band equalizer. It allows you to adjust the sound to your vehicle and your personal preferences and eliminate problems, such as droning or poor voice comprehension.

Which equalizer setting is the correct one?

Sound impression	Measure	
	Frequency (Hz)	Level
Unclean bass, droning, unpleasant pressure	100–200	approx. –4
Very transparent, aggressive sound, no stereo effect	1000–2500	approx. –4 to –6
Muffled sound, low transparency, instruments do not excel	10000–12500	approx. +4 to +6
Insufficient bass	60–80	approx. +4 to +6

Tip:

Insert a CD which you know very well if you want to adjust the equalizer. First, set the bass, treble, balance, and fader to zero. For equalizer settings, first change the settings of the mid-frequencies, followed by those for treble and finally bass.

The table shows the expanded setting options for bass (EBASS), treble (ETREBLE), middle (EMIDDLE) and X-Bass (EXBASS) that can be performed in the Enhanced menu.

Note:

The table does **not** contain all the settings that are possible in the Enhanced menu.

Changing equalizer settings (EBASS, ETREBLE, EMIDDLE, EXBASS)

In the Enhanced menu, you can change these settings:

- "GAIN" (level)
- "FREQ" (frequency)
- "QUAL" (quality factor)

To adjust the equalizer,

☛ In the Audio menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "EN AUDIO" (Enhanced menu) menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The Enhanced menu appears.

☛ in the Enhanced menu, press the rocker switch ⊼ or ⊻ (16) to select one of these menu items:

- "EBASS": Bass
- "ETREBLE": Treble
- "EMIDDLE": Middle
- "EXBASS": Increasing bass at low volume

☛ Press the **OK** button (10) to call up the menu item.

☛ Press the rocker switch ⊼ or ⊻ (16) to switch between the available menu items (see the table):

- "GAIN"
- "FREQ"
- "QUAL"

☛ Press the rocker switch < or > (16) to change the setting.

After you performed the settings for all menu items,

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

	AUDIO (Audio menu)			
	EN AUDIO (Enhanced menu)			
	EBASS	ETREBLE	EMIDDLE	EXBASS
Level (GAIN)	–	–	-7 to +7	0 to 3
Frequency (FREQ)	60 Hz, 80 Hz, 100 Hz, 200 Hz	10 kHz, 12.5 kHz, 15 kHz, 17.5 kHz	500 Hz, 1,000 Hz, 1,500 Hz, 2,500 Hz	30 Hz, 60 Hz 100 Hz
Quality factor (QUAL)	1.0, 1.25, 1.5, 2.0	–	0.5, 0.75, 1.0, 1.25	–

User settings

In the System menu, you can adjust these presettings to your preferences:

- Welcome text
- Clock settings
- Volume settings
- Display settings
- Scan time

Opening the System menu

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" System menu.

Changing the welcome text (ON MSG)

When you switch on the device, an animation appears. It contains the factory set welcome text "THE ADVANTAGE IN YOUR CAR". To change this text,

☛ in the System menu, press the rocker switch ∧ or ∨ (16) until the "ON MSG" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current welcome text is displayed. The position digit flashes and can be changed. You can now enter your own welcome text with up to 35 characters:

☛ Enter the text by pressing the corresponding buttons of the (17) keys. Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (16) again.

After entering the complete welcome text,

☛ press the **OK** button (10) to store the welcome text entered.

Notes:

- To quit the text input without changing the welcome text, press the **DIS•ESC** button (11).
- If the text entry is interrupted, e.g. by a traffic announcement, the previous changes are not stored.

Changing time settings

The following settings can be changed in the System menu:

- Switching time display on/off (OFF CLK)
- Selecting 12h/24h time display (CLK MODE)
- Setting the time (CLK SET)

Switching time display on/off (OFF CLK)

The time can be displayed while the device is switched off, if the vehicle ignition is switched on. To switch this time display on/off,

☛ in the System menu, press the rocker switch ∧ or ∨ (16) repeatedly until the "OFF CLK" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Switch between the settings with the rocker switch < or > (16).

- > "OFF CLK" ☑: Time display is on.
- < "OFF CLK" ☐: Time display is off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Selecting 12h/24h time display (CLK MODE)

The time can be displayed using the 12-hour or 24-hour format.

☛ In the System menu, press the rocker switch ∧ or ∨ (16) repeatedly until the "CLK MODE" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Use the rocker switch ⊼ or ⊻ (16) to select the setting "12 HR – AM", "12 HR – PM" or "24 HR MODE".

☛ Press the rocker switch > (16) to switch on the selected setting.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Setting the time (CLK SET)

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "CLK SET" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The time is displayed.

☛ Select the hours or minutes with the rocker switch < or > (16).

☛ Enter the desired digit by pressing the corresponding button of the keys (17).

After entering the complete time,

☛ press the **OK** button (10) to store the time entered.

Note:

To finish the entry without changing the time, press the **DIS•ESC** button (11).

Changing volume presettings

The following presettings can be changed in the System menu:

- Power-on volume (ON VOL / LAST VOL)
- Volume presettings of traffic announcement (TA VOL), telephone/navigation announcement (TEL VOL) and volume reduction (MUTE VOL)
- Signal tone (BEEP ON)
- Speed-dependent volume increase (AUTO SND)

Adjusting power-on volume (ON VOL/LAST VOL)

To adjust the power-on volume,

☛ in the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "ON VOL" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current power-on volume is displayed.

☛ Set the power-on volume with the rocker switch < or > (16).

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

You can also select the setting "LAST VOL". This sets the volume at power-on to the volume at the last switch-off:

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "LAST VOL" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Switch between the settings with the rocker switch < or > (16).

- > "LAST VOL" ☑: On.
- < "LAST VOL" ☐: Off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Note:

If "LAST VOL" is switched off, the device is switched on with the volume adjusted under "ON VOL".

Changing volume presettings for TA, TEL and MUTE

If the device switches a traffic announcement, phone call or navigation announcement, it always starts with the volume preset here.

In addition, you can assign a lower volume up to the value 0 (mute) to the volume reduction (MUTE).

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until one of these menu items is displayed:

- "MUTE VOL": Presets the volume of the volume reduction
- "TEL VOL": Presetting the volume of the phone call/navigation announcement
- "TA VOL": Presetting the volume of the traffic announcement

☛ Press the **OK** button (10) to call up the menu item.

The currently set volume is displayed.

☛ Set the volume with the rocker switch < or > (16).

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Notes:

The volume preset by you will not be used,

- if the volume currently listened to is lower than the set mute level. The device continues playing with the volume listened to.
- if the volume currently listened to is higher than the set TEL volume. In this case, phone calls/navigation announcements are reproduced with the volume listened to.
- if the volume currently listened to is higher than the set TA volume. In this case, traffic announcements are reproduced with the volume listened to.

Activating/deactivating the signal tone (BEEP ON)

You can deactivate the signal tone that sounds as a confirmation in the menus or when storing the stations on the station buttons.

☛ in the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "BEEP ON" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Switch between the settings with the rocker switch < or > (16).

- > "BEEP ON" ☑: Signal tone on.
- < "BEEP ON" ☐: Signal tone off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Setting the speed-dependent volume increase (AUTO SND)

When you are driving faster, the device can automatically increase the volume to compensate for the driving noise. The volume is increased depending upon the speed. In order for this to work, the speedometer signal must be connected as described in the installation instructions.

The optimum setting for this volume increase depends on how noise levels develop in your particular vehicle. Try the setting that is perfect for your vehicle. You can select a value between OFF (no increase) and 5 (maximum increase).

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "AUTO SND" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current setting is displayed.

☛ Select the desired setting with the rocker switch < or > (16).

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Changing display settings

The following display settings can be changed in the System menu:

- Day/night brightness (D-DAY / D-NIGHT)
- Adjusting the display viewing angle (ANGLE)
- Adjusting the display color (DISP COL, COL SCAN, CON SCAN)

Adjusting the display viewing angle (ANGLE)

The angle at which the driver looks at the display is dependent upon, among other things, the installation position of the device, the seating position, and the physical size of the driver. You can optimise the display contrast for your viewing angle:

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "ANGLE" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current setting is displayed.

☛ Use the rocker switch < or > (16) to select the desired setting between –6 and +6.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Changing the day/night brightness (D-DAY/D-NIGHT)

The device automatically switching to night mode if you turn on the light of your vehicle. For this purpose, the device must be connected with your vehicle via a corresponding connection as described in the installation instructions.

You can adjust the display brightness separately for day and night.

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "D-DAY" (day brightness) or "D-NIGHT" (night brightness) menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current setting is displayed.

☛ Use the rocker switch < or > (16) to select the desired setting between 1 and 16.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Mixing the color for the display illumination (DISP COL)

To customise the display illumination to suit your tastes you can mix a colour yourself using the three primary colours red, green and blue (RGB).

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "DISP COL" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current settings for "GREEN", "RED" and "BLUE" are displayed.

☛ Select a colour with the rocker switch ⊼ or ⊻ (16).

☛ Adjust the value for the selected colour with the rocker switch < or > (16) between 0 and 16.

After you adjusted all colours as desired,

☛ press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Selecting the colour of the display illumination from the colour scan (COL SCAN)

During the colour seek, the colour of the display illumination changes continuously, and you can select the current colour.

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "COL SCAN" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The colour seek is started. The display intermittently shows "PRESS OK" and "SCANNING".

☛ Press the **OK** button (10) to select the current colour, or press the **DIS•ESC** button (11) to cancel the colour seek without selecting a new colour.

Switching the constant colour change for the display illumination on/off (CONTSCAN)

You can select a constant colour change as the colour of the display illumination. If the colour change is activated, the display colour changes constantly. The colour change is switched on or off in the system menu.

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "CONTSCAN" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Switch between the settings with the rocker switch < or > (16).

- > "CONTINUOUS COLSCAN" ☑: Colour change is on.
- < "CONTINUOUS COLSCAN" ☐: Colour change is off.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Changing the scan time (SCANTIME)

The scan time of the SCAN function can be adjusted in the System menu for all audio sources between 5 and 30 seconds.

☛ In the System menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "SCANTIME" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The current setting is displayed.

☛ Use the rocker switch < or > (16) to select the desired setting in 5-second increments between 5 and 30.

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Additional settings

You can perform additional settings:

- Configuring the preamplifier output for the subwoofer
- Activating/deactivating demo mode
- Displaying the version number of device components
- Updating the device software

Configuring the preamplifier output for the subwoofer (SUBOUT)

If you want to use an additional subwoofer via an external amplifier, it can be adjusted to the other loudspeakers. You can adjust the level of the Subout preamplifier output for a selected cut-off frequency.

You adjust the following settings in the Enhanced menu for this purpose:

- "GAIN" (level)
- "FREQ" (cut-off frequency)

☛ Press the **AUDIO** button (12).

☛ Press the rocker switch ⊼ or ⊻ (16) repeatedly until the "EN AUDIO" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

The Enhanced menu appears.

☛ In the Enhanced menu, press the rocker switch ⊼ or ⊻ (16) repeatedly until the "SUBOUT" menu item is selected.

☛ Press the **OK** button (10) to call up the menu item.

☛ Press the rocker switch ⊼ or ⊻ (16) to change between these menu items:

- "GAIN" (from 0 to +7)
- "FREQ" (80 Hz, 120 Hz or 160 Hz)

☛ Press the rocker switch < or > (16) to change the setting.

After you performed the settings for all menu items,

☛ Press the **OK** button (10) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

Activating/deactivating demo mode

The Demo mode uses animations to show you which functions the device offers.

To switch the demo mode on or off,

☛ switch off the device.

☛ Simultaneously press the **MENU** button (9) and the **0** button of the alphanumeric keys (17) while switching on the device.

The device switches on with activated or deactivated demo mode. By pressing any button, the demo mode is interrupted and you can operate the device.

Displaying version numbers

You can display the version numbers of the different device components.

☛ Switch off the device.

☛ Simultaneously press the **MENU** button (9) and the **#** button of the alphanumeric keys (17) while switching on the device.

The version display with information about the software appears.

☛ Press the rocker switch ⊼ or ⊻ (16) to change between device components.

To exit the version display,

☛ use the rocker switch ⊼ or ⊻ (16) to select the "EXIT" menu item.

☛ press the **OK** button (10).

The display of the audio source previously listened to is displayed.

Updating the device software

You can update the software of this device without removing it. New software versions can be found on the Internet under www.blaupunkt.com. The software is transferred to the device with a USB data carrier.

Notes:

- Ensure that the files and directories of the USB data carrier are named according to ISO 9660 Level 1 ("8.3" format).
- The download File must have the file extension .EDL. The file name may feature capital letters (A-Z), numbers (0-9) and the underscore character (_).
- Since the device must be supplied with a stable voltage during the installation, do not disconnect the device from the battery during the installation, do not start the vehicle and do not switch on any other consumers, such as the headlights or the fan.

Please also observe the information obtained at www.blaupunkt.com for handling the downloaded file and for installing the software on your device.

Note:

If the code query is activated, you must enter the current device code prior to installing the new software.

To start the installation,

☛ connect the USB data carrier with the new software to the device.

☛ Press the **MENU** button (9).

☛ Press the rocker switch < (16) to open the "Syst" System menu.

☛ Press the rocker switch ⌃ or ⌄ (16) to select the "SW DNL" (software download) function.

☛ Press the **OK** button (10) to start the installation of the new software.

Note:

If a USB data carrier is not connected, the display briefly shows "Insert USB" and you are returned to the menu. First, connect the USB data carrier.

The device reads the data of the data carrier; while the display shows "USB READING". As soon as the data have been read, the files of the data carrier are displayed in a list.

☛ Select the download file with the rocker switch ⌃ or ⌄ (16).

☛ Press the **OK** button (10).

Note:

If the file is damaged or you selected an incorrect file, the display briefly shows "INVALID FILE".

The display shows the current software version of the device and the version of the download file.

☛ Press the **OK** button (10) to start the installation of the download file.

The display shows "UPDATING SOFTWARE". The installation progress is indicated by a progress bar. After the installation is complete, the device automatically switches off and on again with the new software.

Technical data

Weight		approx. 1.79 kg
Voltage supply		
Operating voltage:		10.5–14.4 V
Current consumption		
In operation:		max. 10 A
10 seconds after switch-off:		< 3.5 mA
Amplifier output power acc. to DIN 45324:		
max. power:		4 x 25 W sine
		4 x 50 W at 14.4 V
Preamplifier output (Preamp Out)		
5 channels:		3 V
Input sensitivity		
Rear AUX-IN:		2 V / 6 kΩ
Front AUX-IN:		500 mV / 6 kΩ
Tel./Navi input:		10 V / 1 kΩ
Tuner		
Wavebands in Europe and Thailand	FM:	87.5–108 MHz
	AM / MW:	531–1602 kHz
	LW (Europe only):	153–279 kHz
Wavebands in the US	FM:	87.7–107.9 MHz
	AM:	530–1710 kHz
Wavebands in South America	FM:	87.5–107.9 MHz
	AM:	530–1710 kHz
FM frequency response:		35–16,000 Hz
CD player		
Frequency response:		20–20,000 Hz
USB port		
Current load		max. 800 mA

Subject to technical changes!

Service

In some countries Blaupunkt offers a specific repair service including a pick-up service.

If you want to use this service, you may request a pick-up service for your device via the Internet.

Refer to www.blaupunkt.com to check if this service is available in your country.

Warranty

We provide a manufacturer's warranty for products bought within the European Union. For devices purchased outside the European Union, the warranty terms issued by our respective responsible domestic agency are valid.

The warranty terms can be called up under www.blaupunkt.com or requested directly from:

Blaupunkt GmbH
Hotline
Robert-Bosch-Str. 200
D-31139 Hildesheim

Glossary

AF – Alternative frequency

The range of FM stations is limited. For this reason, FM programmes are distributed to different frequencies. The AF RDS service sends these frequencies to the tuner. If the vehicle leaves the reception area of a frequency, the tuner can automatically change to the best receivable alternative frequency of the programme you listened to.

Bluetooth®

Bluetooth® is a wireless radio communication for short distances. This technology allows for transmitting voice and data between devices, e.g. car sound system and cell phone.

Broadcasting network

A broadcasting network is the offer of several stations with different programmes of a broadcasting station.

EON – Enhanced Other Network

In case of a traffic announcement, the device switches over from a non-traffic information station to a traffic information station of the same station chain. After the traffic announcement, the system switches back to the previously heard programme.

ID3 tags

ID3 tags contain additional information for MP3 files (e.g. artist, title, album, genre, year).

Mass storage device

Format for storage media that can permanently store large amounts of data, such as USB removable storage devices (USB stick or USB hard disk).

MP3, WMA

MP3 and WMA are audio data formats that allow for high compression with little loss in quality.

Playlist

Playback list for MP3 or WMA files In playlists, you determine the order in which certain titles should be played. They are created with an MP3 manager, such as WinAmp or Windows Media Player.

PTY – Program Type

The device searches only for stations with the previously selected programme content (e.g. news, rock, pop, sports, etc.).

RDS – Radio Data System

RDS is a service of the radio stations. Besides the conventional music and voice contributions, additional information is broadcast in the form of encrypted digital signals which can be analysed by the device (e.g. station name). The RDS services are not supported by all radio stations.

REG – Regional

Some radio stations divide their programmes into regional programmes with different contents at certain times. With the RDS function Regional, the tuner only changes to alternative frequencies of the set stations that broadcast the same regional programme.

Root folder

Main folder of a data carrier. The root folder contains all other folders.

Quality factor – QUALITY

It determines the filter quality of the equalizer, i.e. the edge steepness and filter bandwidth, dependent upon the characteristic frequency.

Shape CDs

A shape CD is a CD whose form deviates from the usual circular shape. It can be cornered or contoured. The non-circular form does not allow the device to correctly center and read the CD in the drive. This results in damage to the CD drive.

Subwoofer, Subout

Separate low-bass loudspeaker. The device has a Subout preamplifier output. You can connect either an active subwoofer or a separate power amplifier with subwoofer.

TA – Traffic Announcement

The device switches traffic announcements at a preset volume. Even if you are currently listening to another audio source (e.g. CD, AUX) or the radio is muted.

TRAVEL STORE

Automatic searching and storing of the 10 strongest radio stations received of the region.

Tuner

Receiving unit of the radio.

USB – Universal Serial Bus

USB is an interface for connecting external removable storage devices to the device.

X-BASS

X-BASS allows for boosting the bass at low volume levels. This renders the sound richer even at a low volume.

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Note:
Keywords in capital letters refer to menu items.

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Factory settings

Notes:

- When restoring the factory settings, your individual device code and the adjusted tuner region settings are retained and not reset.
- Some of the factory settings listed here apply only to the tuner region Europe (EU), USA (US) or South America (S-AM).

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SCAN TIME	10
MIX AUX	OFF
DEMO MODE	OFF
PIN-NUM (*Bluetooth*®)	1234
RDS (EU only)	ON
TRAFFIC (EU only)	OFF
PTY (EU, US, S-AM only)	OFF
REG (EU only)	ON

(D) Einbauanleitung

⚠ Sicherheitshinweise

Für die Dauer der Montage und des Anschlusses beachten Sie bitte folgende Sicherheitshinweise.

- Minuspol der Batterie abklemmen! Dabei die Sicherheitshinweise des Kfz- Herstellers beachten.
- Beim Bohren von Löchern darauf achten, dass keine Fahrzeugteile beschädigt werden.
- Der Querschnitt des Plus- und Minuskabels darf 1,5 mm² nicht unterschreiten.
- **Fahrzeugseitige Stecker nicht an das Radio anschließen!**
  Die für Ihren Fahrzeugtyp erforderlichen Adapterkabel erhalten Sie im BLAUPUNKT-Fachhandel.
- Je nach Bauart kann Ihr Fahrzeug von dieser Beschreibung abweichen. Für Schäden durch Einbau- oder Anschlussfehler und für Folgeschäden übernehmen wir keine Haftung.

  Sollten die hier aufgeführten Hinweise für Ihren Einbau nicht passen, so wenden Sie sich bitte an Ihren Blaupunkt-Fachhändler, Ihren Fahrzeughersteller oder unsere Telefon-Hotline.

Bei Einbau eines Amplifier oder Changers müssen unbedingt erst die Gerätemassen angeschlossen werden, bevor die Stecker für die Line-In- oder Line-Out-Buchse kontaktiert werden.

Fremdgerätemassen dürfen nicht an der Autoradiomasse (Gehäuse) angeschlossen werden.

(GB) Installation instructions

⚠ Safety instructions

When carrying out installation work and making connections please observe the following safety instructions:

- Disconnect the negative terminal of the battery! When doing so, please observe the vehicle manufacturer's safety instructions.
- Make sure you do not damage vehicle components when drilling any holes.
- The cross sections of the positive and negative cables must not be less than 1.5 mm².
- **Do not connect the vehicle's plug connectors to the radio!**
  You can obtain the adapter cable required for your vehicle type from any BLAUPUNKT dealer.
- Depending on the model, your vehicle may differ from the description provided here. We accept no responsibility for any damages due to incorrect installation or connection or for any consequential damages.

  If the information provided here is not suitable for your specific installation requirements, please contact your Blaupunkt dealer, your vehicle manufacturer or our telephone hotline.

When installing an amplifier or changer, you must first connect the device earth connections before connecting the plugs for the line-in or line-out jacks.

Earth connection of external devices may not be connected to earth of car sound system (housing).

Mitgelieferte Montage- und Anschlussteile

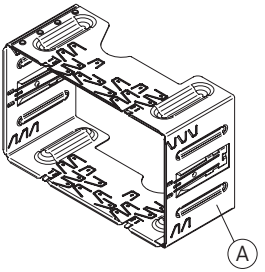
Supplied Mounting Hardware

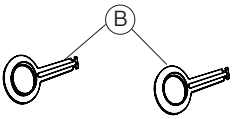
Materiel de montage fourni

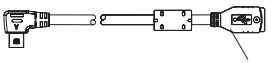
Componenti di fissaggio comprese nella fornitura

Meegeleverde montagematerialen

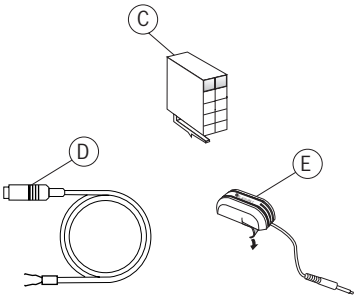
Medföljande monteringsdetaljer







USB cable



Als Sonderzubehör erhältlich

Available as an optional accessory

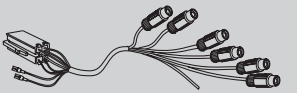
Disponible en option

Reperibili come accessori extra

Als speciale accessoire verkrijgbaar

Tillval

Preamp,/Sub,/Center - out cable



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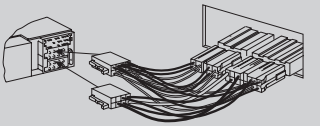

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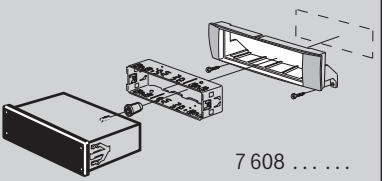
Einbausätze
Installation kits
Kits de montage
Set di montaggio
Inbouwsets
Monteringssatser



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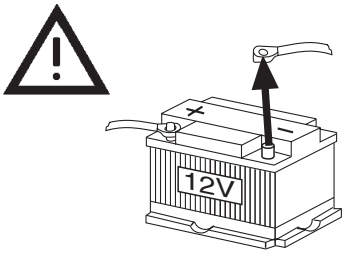

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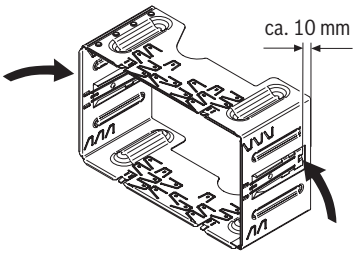

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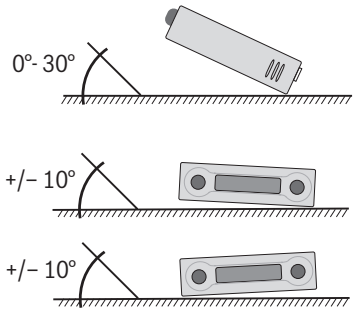
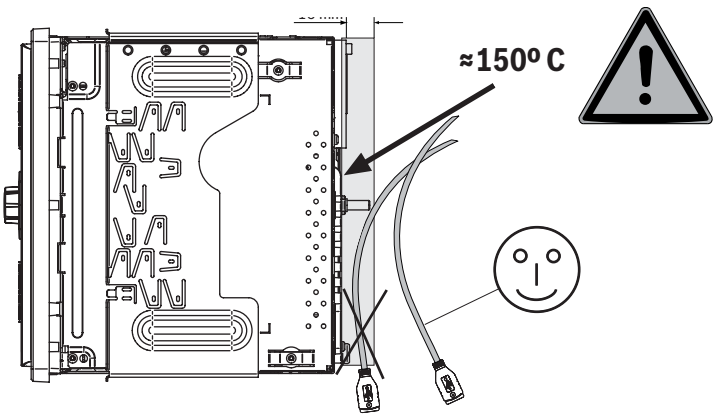
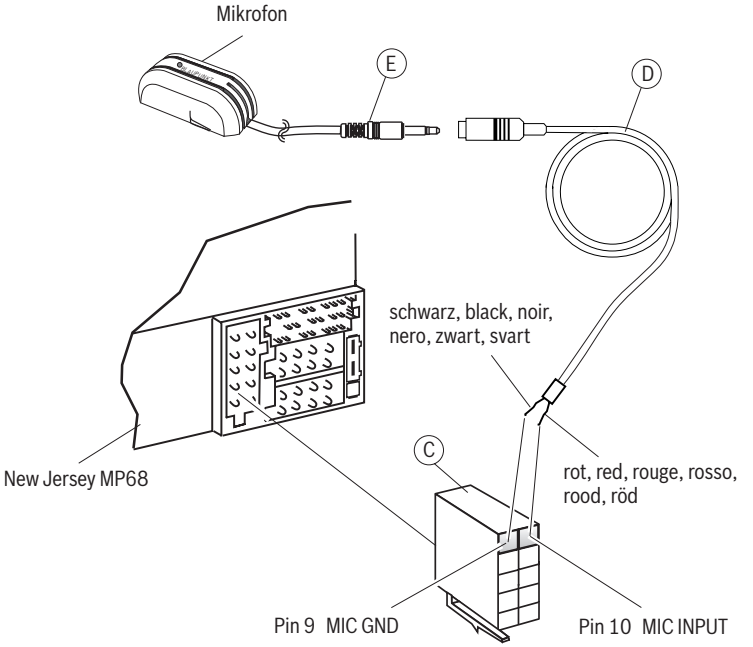
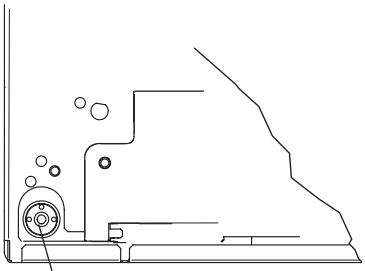





Mikrofon
E
D
schwarz, black, noir,
nero, zwart, svart
New Jersey MP68
C
rot, red, rouge, rosso,
rood, röd
Pin 9 MIC GND
Pin 10 MIC INPUT

4.



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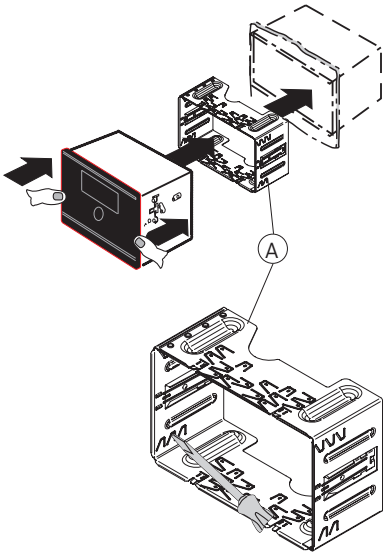
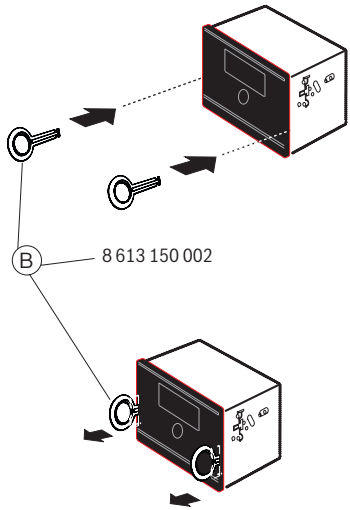


6. Ausbau / Removal / Démontage / Smontaggio / Demontage / Urmontering



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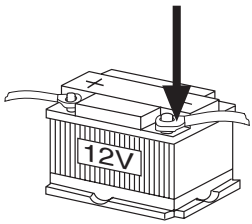

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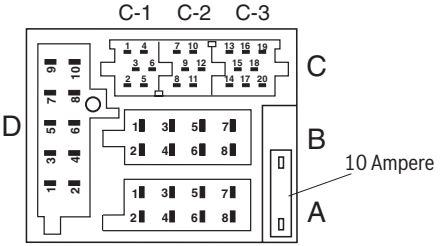


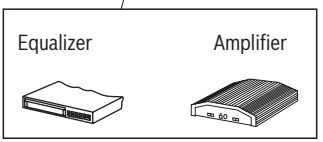
* Aut. antenna
FB +12V / RC +12V
+12V Amplifier

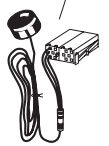
Summe, Sum
Somme, Somma
Som, Sum
300 mA

	A		B
1	Gala	1	Speaker out RR+
2	Radio Mute	2	Speaker out RR–
3	Sub-Out	3	Speaker out RF+
4	Permanent +12V	4	Speaker out RF–
5	Aut. antenna	5	Speaker out LF+
6	Illumination	6	Speaker out LF–
7	Kl.15/Ignition *	7	Speaker out LR+
8	Masse/GND	8	Speaker out LR–

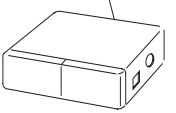
	D
1	NC
2	NC
3	NC
4	NC
5	NC
6	NC
7	NC
8	NC
9	MIC GND
10	MIC INPUT

	C1		C2		C3
1	Line Out LR	7	Telefon NF in +	13	CDC-Data In
2	Line Out RR	8	Telefon NF in –	14	CDC-Data Out
3	Line Out / Ground	9	Radio Mute	15	Permanent +12V
4	Line Out LF	10	RC +12V*	16	+12V*
5	Line Out RF	11	Remote Control	17	Bus / GND
6	+12V Amplifier*	12	RC - GND	18	AF / GND
				19	CDC Line In - L
				20	CDC Line In - R





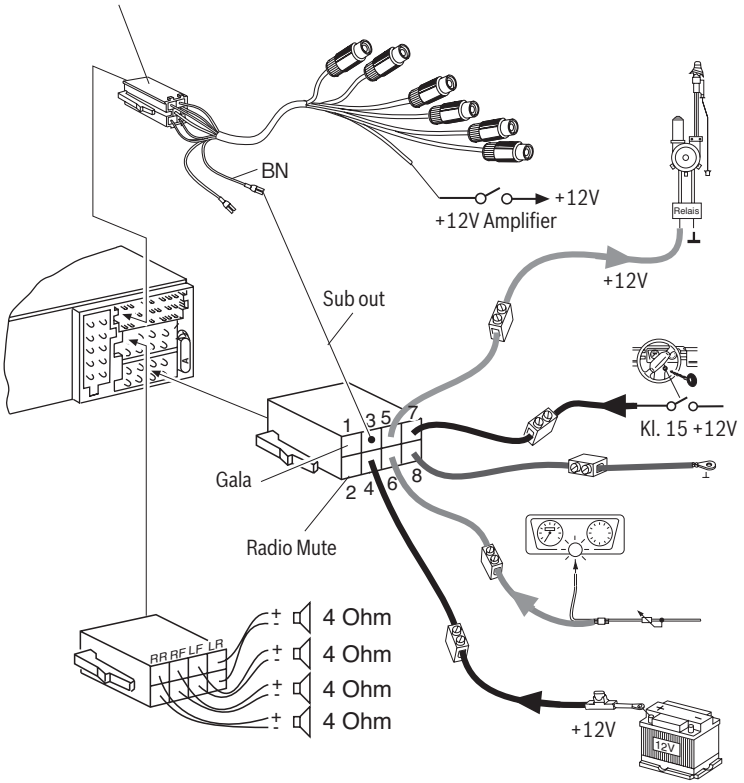
Optional
(Remote Control Eye)



CD-Changer

9.

Preamp./Sub./Center - out cable
7 607 001 512



Änderungen vorbehalten!
Subject to changes!
Sous réserve de modifications!
Modifiche riservate!
Wijzigingen voorbehouden!
Ändringar förbehålles!

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Bitte den ausgefüllten Gerätepass sicher aufbewahren!

Please keep the filled-in radio pass in a safe place!

Prière de conserver soigneusement la carte d'autoradio remplie !

Tenete per favore il libretto di apparecchio, debitamente riempito, in un posto sicuro!

Bewaar de ingevulde apparaatpas op een veilige plaats!

Vänligen förvara ifyllt apparatpass på säker plats!

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01/09 - CM-AS/SCS (de, gb, fr, it, nl, sw)

Gerätepass

Name: **New Jersey MP68**

Typ: **7 648 498 310**

Serien-Nr: **BP** .....

BLAUPUNKT

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CE